		DEPARTMENT	TATE OF UTAH OF NATURAL RES OF OIL, GAS AND				FOR AMENDED REPOR			
APPLI		1. WELL NAME and NUMBER Prickly Pear Unit Federal 7A-21D-12-15								
2. TYPE OF WORK  DRILL NEW WELL		3. FIELD OR WILD	CAT PRICKLY PEAR							
4. TYPE OF WELL Gas Wo	ell Coalb	ped Methane Well: NO				5. UNIT or COMMU	NITIZATION AGRE PRICKLY PEAR	EMENT NAME		
6. NAME OF OPERATOR										
8. ADDRESS OF OPERATOR 1099 18	th Street Ste 23	00, Denver, CO, 80202				9. OPERATOR E-MA	<b>IL</b> cer@billbarrettcorp.c	om		
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU 73670		11. MINERAL OWNE FEDERAL IND	ERSHIP DIAN () STATE (	Э г	FEE (	12. SURFACE OWN FEDERAL IN	ERSHIP DIAN STATE (	FEE		
13. NAME OF SURFACE OWNER (if box 12	= 'fee')					14. SURFACE OWN	ER PHONE (if box 1	12 = 'fee')		
15. ADDRESS OF SURFACE OWNER (if box	12 = 'fee')					16. SURFACE OWN	ER E-MAIL (if box :	12 = 'fee')		
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COM MULTIPLE FORMATI YES (Submit C			ROM NO 📵	19. SLANT  VERTICAL DIF	RECTIONAL 📵 H	ORIZONTAL 🗍		
20. LOCATION OF WELL	FC	OOTAGES	QTR-QTR	SI	ECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE	1721 F	FNL 641 FEL	SENE		21	12.0 S	15.0 E	S		
Top of Uppermost Producing Zone	1609 F	NL 1008 FEL	SENE		21	12.0 S 15.0 E				
At Total Depth	1317 F	NL 1940 FEL	SWNE		21	12.0 S	15.0 E	S		
21. COUNTY  CARBON		22. DISTANCE TO N	EAREST LEASE LIN 1317	IE (Fee	t)	23. NUMBER OF ACRES IN DRILLING UNIT				
		25. DISTANCE TO N (Applied For Drilling								
<b>27. ELEVATION - GROUND LEVEL</b> 7337		28. BOND NUMBER	WYB000040	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF AI Nine Mile Creek				IF APPLICABLE		
		A	TTACHMENTS							
VERIFY THE FOLLOWING	ARE ATTACH	IED IN ACCORDAN	CE WITH THE U	тан о	IL AND (	GAS CONSERVATI	ON GENERAL RU	JLES		
WELL PLAT OR MAP PREPARED BY	LICENSED SUF	RVEYOR OR ENGINEER	R CON	1PLETE	DRILLING	G PLAN				
AFFIDAVIT OF STATUS OF SURFACE	OWNER AGRE	EMENT (IF FEE SURF	FACE) FOR	M 5. IF	OPERATO	R IS OTHER THAN T	HE LEASE OWNER			
DIRECTIONAL SURVEY PLAN (IF DIDILLED)	RECTIONALLY	OR HORIZONTALLY	ТОР(	OGRAP	HICAL MA	Р				
NAME Elaine Winick		TITLE Sr. Permit Analy	rst		PHONE 3	303 293-9100				
SIGNATURE		<b>DATE</b> 08/02/2010			<b>EMAIL</b> e	winick@billbarrettcorp	.com			
<b>API NUMBER ASSIGNED</b> 43007500560000		APPROVAL			do	2026/1				
					Per	mit Manager				

	Proposed Hole, Casing, and Cement											
String	Hole Size	<b>Casing Size</b>	Top (MD)	Bottom (MD)								
Cond	26	16	0	40								
Pipe	Grade	Length	Weight									
	Unknown	40	65.0									

	Proposed Hole, Casing, and Cement										
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)							
Prod	7.875	4.5	0	7900							
Pipe	Grade	Length	Weight								
	Grade N-80 LT&C	7900	11.6								

	Proposed Hole, Casing, and Cement										
String	Hole Size	<b>Casing Size</b>	Top (MD)	Bottom (MD)							
Surf	12.25	9.625	0	1000							
Pipe	Grade	Length	Weight								
	Grade J-55 ST&C	1000	36.0								

'APIWellNo:43007500560000' **Bill Barrett Corporation** 

CASING DETAILS

Magnetic Field Strength: 52142.8snT Dip Angle: 65.57° Date: 7/26/2010 Model: BGGM2010

9 5/8"

Start Build 2.50

Start 2325.00 hold at 5414.65 MD

TD at 7739.65

Vertical Section at 287.05° (1000 ft/in)

500

PBHL PRICKLY PEAR UF 7A-21D-12-15

1000

1500

2000

Start 1565.40 hold at 2674.62 MD

Start Drop -2.50

500

1000

1500

2000

2500

True Vertical Depth (1000 ff/in)

True Vertical Depth (1000 ff/in)

5000

5500

6000

6500

7000

7500

8000

-500

NORTH HORN

DARK CANYON PRICE RIVER

Name Size 9 5/8" 9-5/8 1500.00 1500.00 Azimuths to True North Magnetic North: 11.49° Project: CARBON COUNTY, UT
Site: PRICKLY PEAR S/2 NE 21-12-15 PAD
Well: PRICKLY PEAR UF 7A-21D-12-15
Wellbore: PRICKLY PEAR UF 7A-21D-12-15

Design: Design #1 Latitude: 39° 45' 42.190 N Longitude: 110° 14' 2.860 W

-1250

-1000

-750

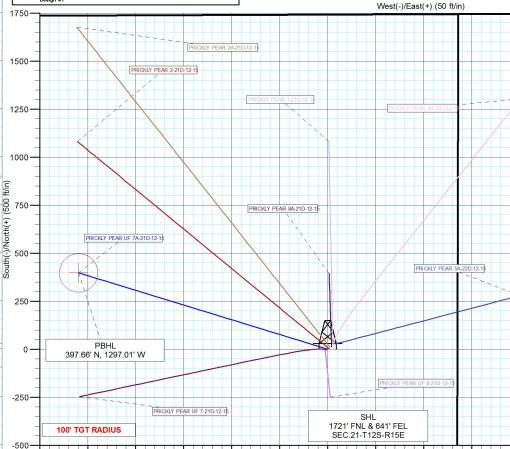
GL: 7331.90 KB: WELL @ 7353.90ft (Original Well Elev) RIG: Original Well Elev



500

15:47, July 27 2010

	+N/-S 0.00	+E/-W 0.00	Northii 522773.		Ground Easting 2355841.91		7331.90 Latittu ° 45' 42.19	tude	Longitude 110° 14' 2.860 W	Slot
				WEI	LLBORE TAR	RGET DE	TAILS (LA	T/LONG)		
lame PBHL PRICKL	Y PEAR U	F 7A-21D-12	TVD 2-15 7437.00	+N/- 0 397	-S +E 7.66 -1297	E/-W 7.01		tude 46.120 N	Longitude 110° 14' 19.470 W	Shape Circle (Radius: 100.00)
					SEC	CTION DET	TAILS			
MD 0.00 1500.00 2674.62 4240.02 5414.65 7739.65	Inc 0.00 0.00 29.37 29.37 0.00 0.00	287.05 287.05 0.00	TVD 0.00 1500.00 2623.87 3988.13 5112.00 7437.00	397.66	0.00 0.00 -281.54 -1015.46	DLeg 0.00 0.00 2.50 0.00 2.50 0.00	TFace 0.00 0.00 287.05 0.00 180.00 0.00	VSec 0.00 0.00 294.48 1062.12 1356.60 1356.60	Annotation Start Build 2.50 Start 1565.40 hol Start Drop -2.50 Start 2325.00 hol TD at 7739.65	
TVDP 2782 4712 6447 6692	Path MI 2.00 28 2.00 50 7.00 67	012.59 NOF	rmation SATCH RTH HORN RK CANYON					25		
LE G E N D  PRICKLY PEAR 4A-22D-12-15, PRICKLY PEAR 4A-22D-12-15, Design #1 V0 PRICKLY PEAR 1-21D-12-15, PRICKLY PEAR 1-2-12-15, Design #1 V0 PRICKLY PEAR 2A-21D-12-15, PRICKLY PEAR 2A-21D-12-15, Design #1 V0 PRICKLY PEAR 2A-21D-12-15, PRICKLY PEAR UF 7-2-12-15, Design #1 V0 PRICKLY PEAR 5A-22D-12-15, PRICKLY PEAR UF 7-2-12-15, Design #1 V0 PRICKLY PEAR 8A-21D-12-15, PRICKLY PEAR 8A-22D-12-15, Design #1 V0 PRICKLY PEAR VEAR 5-2-12-15-15, PRICKLY PEAR VEAR 2-12-15-15, Design #1 V0 PRICKLY PEAR 2-12-15-15, PRICKLY PEAR VEAR 2-12-11-15, Design #1 V0					0   V0  n #1 V0   V0   V0  n #1 V0		South(-)/North(+) (50 ft/in)	25 -75	-50 -2	25 0
Design #1								-10		25 U st(+) (50 ft/in)
00		E	PRICKLY PEAR 2-2		ILY PEAR 2A-21D.	12-1				
-		1	1			PRICKLY PE	EAR 1-21D-12-	2-13		



West(-)/East(+) (500 ft/in)

Created By: TRACY WILLIAMS Date:

Plan: Design #1 (PRICKLY PEAR UF 7A-21D-12-15/PRICKLY PEAR UF 7A-21D-12-15)

'APIWellNo:43007500560000'



# Weatherford International Ltd.

Planning Report



Database: Company:

Well:

EDM 2003.21 Single User Db

BILL BARRETT CORP

PRICKLY PEAR S/2 NE 21-12-15 PAD Site: PRICKLY PEAR UF 7A-21D-12-15 Wellbore: PRICKLY PEAR UF 7A-21D-12-15

Design: Design #1 Local Co-ordinate Reference:

**TVD Reference:** MD Reference: North Reference:

**Survey Calculation Method:** 

Well PRICKLY PEAR UF 7A-21D-12-15 WELL @ 7353.90ft (Original Well Elev) WELL @ 7353.90ft (Original Well Elev)

Minimum Curvature

Map System:

US State Plane 1927 (Exact solution)

Geo Datum:

NAD 1927 (NADCON CONUS)

Map Zone:

System Datum:

Mean Sea Level

Site PRICKLY PEAR S/2 NE 21-12-15 PAD

522,763.81 ft Site Position: Northing: Latitude: 39° 45' 42.100 N 110° 14' 3.030 W Easting: 2,355,828.77 ft Longitude: From: Lat/Long

0.00 ft 0.81° **Position Uncertainty: Slot Radius: Grid Convergence:** 

Well PRICKLY PEAR UF 7A-21D-12-15

**Well Position** +N/-S 9.09 ft Northing: 522,773.09 ft Latitude: 39° 45' 42.190 N +E/-W 13.27 ft 2,355,841.91 ft Longitude: 110° 14' 2.860 W Easting:

**Position Uncertainty** 0.00 ft Wellhead Elevation: **Ground Level:** 7,331.90 ft

Wellbore PRICKLY PEAR UF 7A-21D-12-15

Declination **Dip Angle Field Strength Magnetics Model Name** Sample Date (°) (°) (nT) BGGM2010 7/26/2010 11.49 65.57 52,143

Design Design #1

**Audit Notes:** 

**PLAN** 0.00 Version: Phase: Tie On Depth:

+N/-S **Vertical Section:** Depth From (TVD) +E/-W Direction (ft) (ft) (ft) (°) 0.00 0.00 0.00 287.05

Plan Sections	s									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,674.62	29.37	287.05	2,623.87	86.32	-281.54	2.50	2.50	0.00	287.05	
4,240.02	29.37	287.05	3,988.13	311.34	-1,015.46	0.00	0.00	0.00	0.00	
5,414.65	0.00	0.00	5,112.00	397.66	-1,297.01	2.50	-2.50	0.00	180.00	
7,739.65	0.00	0.00	7,437.00	397.66	-1,297.01	0.00	0.00	0.00	0.00	PBHL PRICKLY PE



# Weatherford International Ltd.

**Planning Report** 



Database: Company:

EDM 2003.21 Single User Db

BILL BARRETT CORP

Site: PRICKLY PEAR S/2 NE 21-12-15 PAD PRICKLY PEAR UF 7A-21D-12-15 Well: Wellbore: PRICKLY PEAR UF 7A-21D-12-15

Design: Design #1 Local Co-ordinate Reference:

**TVD Reference:** MD Reference: North Reference:

**Survey Calculation Method:** 

Well PRICKLY PEAR UF 7A-21D-12-15 WELL @ 7353.90ft (Original Well Elev) WELL @ 7353.90ft (Original Well Elev)

Minimum Curvature

Design:	Design #1								
Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Build	2.50 - 9 5/8"								
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	2.50	287.05	1,599.97	0.64	-2.09	2.18	2.50	2.50	0.00
1,700.00	5.00	287.05	1,699.75	2.56	-8.34	8.72	2.50	2.50	0.00
1,800.00	7.50	287.05	1,799.14	5.75	-18.75	19.61	2.50	2.50	0.00
1,900.00	10.00	287.05	1,897.97	10.21	-33.29	34.82	2.50	2.50	0.00
2,000.00	12.50	287.05	1,996.04	15.92	-51.94	54.33	2.50	2.50	0.00
2,100.00	15.00	287.05	2,093.17	22.89	-74.66	78.09	2.50	2.50	0.00
2,200.00	17.50	287.05	2,189.17	31.09	-101.41	106.07	2.50	2.50	0.00
2,300.00	20.00	287.05	2,283.85	40.51	-132.14	138.21	2.50	2.50	0.00
2,400.00	22.50	287.05	2,377.05	51.14	-166.79	174.45	2.50	2.50	0.00
2,500.00	25.00	287.05	2,468.57	62.94	-205.29	214.73	2.50	2.50	0.00
2,600.00	27.50	287.05	2,558.25	75.91	-247.58	258.95	2.50	2.50	0.00
10.00	40 hold at 267		2,000.20	70.01	217.00	200.00	2.00	2.00	0.00
2,674.62	29.37	287.05	2,623.87	86.32	-281.54	294.48	2.50	2.50	0.00
2,700.00	29.37	287.05	2,645.99	89.97	-293.44	306.92	0.00	0.00	0.00
2,800.00	29.37	287.05	2,733.14	104.34	-340.33	355.96	0.00	0.00	0.00
WASATCH		2007-0074-033-440-0333	- 22	201001000 00000	A FORD INC. PROFILE	1 20 2000 1000	- 224 - 91.022	985 6020	N   CD   W
2,856.07	29.37	287.05	2,782.00	112.40	-366.61	383.46	0.00	0.00	0.00
2,900.00	29.37	287.05	2,820.29	118.72	-387.21	405.00	0.00	0.00	0.00
3,000.00	29.37	287.05	2,907.44	133.09	-434.09	454.04	0.00	0.00	0.00
3,100.00	29.37	287.05	2,994.59	147.47	-480.98	503.08	0.00	0.00	0.00
3,200.00	29.37	287.05	3,081.74	161.84	-527.86	552.11	0.00	0.00	0.00
3,300.00	29.37	287.05	3,168.89	176.22	-574.74	601.15	0.00	0.00	0.00
3,400.00	29.37	287.05	3,256.04	190.59	-621.63	650.19	0.00	0.00	0.00
3,500.00	29.37	287.05	3,343.19	204.97	-668.51	699.23	0.00	0.00	0.00
3,600.00	29.37	287.05	3,430.34	219.34	-715.40	748.27	0.00	0.00	0.00
3,700.00	29.37	287.05	3,517.49	233.72	-762.28	797.30	0.00	0.00	0.00
3,800.00	29.37	287.05	3,604.65	248.09	-809.16	846.34	0.00	0.00	0.00
3,900.00	29.37	287.05	3,691.80	262.46	-856.05	895.38	0.00	0.00	0.00
4,000.00	29.37	287.05	3,778.95	276.84	-902.93	944.42	0.00	0.00	0.00
4,100.00	29.37	287.05	3,866.10	291.21	-949.82	993.46	0.00	0.00	0.00
4,200.00	29.37	287.05	3,953.25	305.59	-996.70	1,042.49	0.00	0.00	0.00
Start Drop	-2.50								
4,240.02	29.37	287.05	3,988.13	311.34	-1,015.46	1,062.12	0.00	0.00	0.00
4,300.00	27.87	287.05	4,040.78	319.76	-1,042.93	1,090.84	2.50	-2.50	0.00
4,400.00	25.37	287.05	4,130.17	332.89	-1,085.76	1,135.64	2.50	-2.50	0.00
4,500.00	22.87	287.05	4,221.44	344.87	-1,124.82	1,176.50	2.50	-2.50	0.00
4,600.00	20.37	287.05	4,314.40	355.67	-1,160.03	1,213.33	2.50	-2.50	0.00



# Weatherford International Ltd.

**Planning Report** 



Database: Company: EDM 2003.21 Single User Db

BILL BARRETT CORP

Site: Well: Wellbore:

PRICKLY PEAR S/2 NE 21-12-15 PAD PRICKLY PEAR UF 7A-21D-12-15

0.00

0.00

0.00

0.00

TD at 7739.65 - PBHL PRICKLY PEAR UF 7A-21D-12-15

7,397.35

7,437.00

PRICKLY PEAR UF 7A-21D-12-15

Local Co-ordinate Reference:

**TVD Reference:** MD Reference: North Reference:

**Survey Calculation Method:** 

Well PRICKLY PEAR UF 7A-21D-12-15 WELL @ 7353.90ft (Original Well Elev) WELL @ 7353.90ft (Original Well Elev)

Minimum Curvature

0.00

0.00

0.00

0.00

0.00

0.00

Design:	Design #1	LAITOI AAL	15 12 10						
Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,700.00 4,800.00 4,900.00 5,000.00	17.87 15.37 12.87 10.37	287.05 287.05 287.05 287.05	4,408.88 4,504.69 4,601.67 4,699.61	365.27 373.65 380.80 386.70	-1,191.34 -1,218.68 -1,241.99 -1,261.24	1,246.08 1,274.67 1,299.06 1,319.19	2.50 2.50 2.50 2.50	-2.50 -2.50 -2.50 -2.50	0.00 0.00 0.00 0.00
NORTH H			474000					2.50	
5,012.59	10.05	287.05	4,712.00	387.35	-1,263.38	1,321.42	2.50	-2.50	0.00
5,100.00 5,200.00 5,300.00 5,400.00	7.87 5.37 2.87 0.37	287.05 287.05 287.05 287.05	4,798.34 4,897.67 4,997.40 5,097.35	391.34 394.72 396.82 397.65	-1,276.39 -1,287.41 -1,294.27 -1,296.96	1,335.04 1,346.56 1,353.73 1,356.55	2.50 2.50 2.50 2.50	-2.50 -2.50 -2.50 -2.50	0.00 0.00 0.00 0.00
Start 2325	5.00 hold at 541	14.65 MD	·						
5,414.65	0.00	0.00	5,112.00	397.66	-1,297.01	1,356.60	2.50	-2.50	0.00
5,500.00 5,600.00 5,700.00 5,800.00 5,900.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	5,197.35 5,297.35 5,397.35 5,497.35 5,597.35	397.66 397.66 397.66 397.66 397.66	-1,297.01 -1,297.01 -1,297.01 -1,297.01 -1,297.01	1,356.60 1,356.60 1,356.60 1,356.60 1,356.60	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
6,000.00 6,100.00 6,200.00 6,300.00 6,400.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	5,697.35 5,797.35 5,897.35 5,997.35 6,097.35	397.66 397.66 397.66 397.66 397.66	-1,297.01 -1,297.01 -1,297.01 -1,297.01 -1,297.01	1,356.60 1,356.60 1,356.60 1,356.60 1,356.60	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
6,500.00 6,600.00 6,700.00	0.00 0.00 0.00	0.00 0.00 0.00	6,197.35 6,297.35 6,397.35	397.66 397.66 397.66	-1,297.01 -1,297.01 -1,297.01	1,356.60 1,356.60 1,356.60	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
DARK CA		0.00	0,007.00	001.00	1,207.01	1,000.00	0.00	0.00	0.00
6,749.65 6,800.00	0.00 0.00	0.00 0.00	6,447.00 6,497.35	397.66 397.66	-1,297.01 -1,297.01	1,356.60 1,356.60	0.00 0.00	0.00 0.00	0.00 0.00
6,900.00	0.00	0.00	6,597.35	397.66	-1,297.01	1,356.60	0.00	0.00	0.00
PRICE RIV	/ER								
6,994.65 7,000.00 7,100.00 7,200.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	6,692.00 6,697.35 6,797.35 6,897.35	397.66 397.66 397.66 397.66	-1,297.01 -1,297.01 -1,297.01 -1,297.01	1,356.60 1,356.60 1,356.60 1,356.60	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
7,300.00 7,400.00 7,500.00 7,600.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	6,997.35 7,097.35 7,197.35 7,297.35	397.66 397.66 397.66 397.66	-1,297.01 -1,297.01 -1,297.01 -1,297.01	1,356.60 1,356.60 1,356.60 1,356.60	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL PRICKLY PEAI	0.00	0.00	7,437.00	397.66	-1,297.01	523,152.36	2,354,539.41	39° 45' 46.120 N	110° 14' 19.470 W

-1,297.01

-1,297.01

1,356.60

1,356.60

397.66

397.66

7,700.00

7,739.65

<sup>-</sup> plan hits target center

<sup>-</sup> Circle (radius 100.00)

'APIWellNo:43007500560000'



# Weatherford International Ltd.

**Planning Report** 



Database: Company:

Wellbore:

Well:

Site:

EDM 2003.21 Single User Db

BILL BARRETT CORP

PRICKLY PEAR S/2 NE 21-12-15 PAD PRICKLY PEAR UF 7A-21D-12-15 PRICKLY PEAR UF 7A-21D-12-15

Design: Design #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well PRICKLY PEAR UF 7A-21D-12-15 WELL @ 7353.90ft (Original Well Elev) WELL @ 7353.90ft (Original Well Elev)

True

Minimum Curvature

A		<b>Points</b>
( ac	ına	PUINTS

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
1.500.00	1 500 00	9 5/8"	9-5/8	12-1/4	

1	м	m	9	ш	n	C

Measured Depth (ft)	Vertical Depth (ft)	Name	Dip Lithology (°)	Dip Direction (°)
2,856.07	2,782.00	WASATCH	0.00	
5,012.59	4,712.00	NORTH HORN	0.00	
6,749.65	6,447.00	DARK CANYON	0.00	
6,994.65	6,692.00	PRICE RIVER	0.00	

Plan Annotation	ons				
1	Measured Depth (ft)	Vertical Depth (ft)	Local Coor +N/-S (ft)	dinates +E/-W (ft)	Comment
	1,500.00 2,674.62 4,240.02 5,414.65 7,739.65	1,500.00 2,623.87 3,988.13 5,112.00 7,437.00	0.00 86.32 311.34 397.66 397.66	0.00 -281.54 -1,015.46 -1,297.01 -1,297.01	Start Build 2.50 Start 1565.40 hold at 2674.62 MD Start Drop -2.50 Start 2325.00 hold at 5414.65 MD TD at 7739.65

# 'APIWellNo:43007500560000'

# **DRILLING PROGRAM**

# BILL BARRETT CORPORATION Prickly Pear Unit Federal 7A-21D-12-15

SENE, 1721' FNL, 641' FEL, Sec. 21, T12S-R15E (surface hole) SWNE, 1317' FNL, 1940' FEL, Sec. 21, T12S-R15E (bottom hole) Carbon County, Utah

# 1-2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth - MD	Depth - TVD
Green River	Surface	Surface
Wasatch	2856*	2782'*
North Horn	5013**	4712'*
Dark Canyon	6750'*	6447'*
Price River	6995'*	6692'*
TD	7900'*	7600'*

**PROSPECTIVE PAY:** \*Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas. Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

### 3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment		
0 – 1000'	No pressure control required		
1000' - TD	11" 3000# Ram Type BOP		
	11" 3000# Annular BOP		
- Drilling spool to a	- Drilling spool to accommodate choke and kill lines;		
- Ancillary equipm	- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in		
accordance with the requirements of onshore Order No. 2;			
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in			
advance of all BOP pressure tests.			
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up			
to operate most ef	ficiently in this manner.		

Bill Barrett Corporation Drilling Program Prickly Pear Unit Federal 7A-21D-12-15 Carbon County, Utah

## 4. Casing Program

Hole Size	Setting	Depth	Casing	Casing	Casing	Thread	Condition
	From	To	Size	Weight	Grade		
26"	Surface	40'	16"	65#			
12 1/4"	Surface	1000'	9 5/8"	36#	Jor K 55	ST&C	New
8 3/4" and	Surface	7900'	5 1/2"	17.0#	I-100	LT&C	New
7 7/8"			4 1/2"	11.6#	N -80	LT&C	New

Note: BBC will use one of the options of production casing size noted above. Casing grade for each option could be I-100, P-110 or I-80. In addition, the 7 7/8" hole size will begin at the point the bit is changed.

# 5. Cementing Program

16" Conductor Casing	Grout cement		
9 5/8" Surface Casing	Lead with approximately 170 sx Varicem cement + additives mixed at 12.0 ppg (yield = 2.53 ft <sup>3</sup> /sx).		
	Tail with approximately and 190 sx Halcem cement with additives mixed at 15.8 ppg (yield = 1.16 ft <sup>3</sup> /sx) circulated to surface with 100% excess.		
5 1/2" Production Casing  OR	Lead with approximately 320 sx (4 ½" csg) or 260 sx (5 ½" csg) of Halliburton Light Premium cement with additives mixed at 12.5 ppg (yield = 1.96 ft <sup>3</sup> /sx).		
OR	mixed at 12.5 ppg (yield = 1.90 it 78x).		
4 ½" Production Casing  Tail with approximately 1320 sx (4 ½" csg) or 1090 sx (5 ½" csg) of 50/50 Poz cement + additives mixed at 13.4 ppg (yield = 1.45 ft <sup>3</sup> /sk), circulated to ~800' with 15% excess.			
Note: Actual volumes to be calculated from caliper log.			

# 6. Mud Program

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0 – 40'	8.3 - 8.6	27 – 40		Native Spud Mud
40' – 1000'	8.3 - 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' - TD	8.6 - 9.5	38 – 46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.

# 7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

Bill Barrett Corporation Drilling Program Prickly Pear Unit Federal 7A-21D-12-15 Carbon County, Utah

### 8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3754 psi\* and maximum anticipated surface pressure equals approximately 2082 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

- \*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)
- \*\*Maximum surface pressure = A (0.22 x TD)

### 9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

### 10. Drilling Schedule

Location Construction: October 1, 2010 (must have construction completed prior to 12/1)

Spud: January 26, 2011

Duration: 10 days drilling time
30 days completion time

# APIWellNo:43007500560000'

### Other -Onshore Variances Requested

### Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

### Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR 24" minimum up to 3 1/2' long x 3" (ID 3.068)

### Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000'. Bill Barrett Corporation will comply with the following surface air drilling operation requirements:

- 1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
- 2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
- 3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
- 4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.

# 'APIWellNo:43007500560000'

# PRESSURE CONTROL EQUIPMENT - Schematic Attached

- A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch
  Annular Preventer. The blow out preventer will be equipped as follows:
  - 1. One (1) blind ram (above).
  - 2. One (1) pipe ram (below).
  - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
  - 4. 3-inch diameter choke line.
  - 5. Two (2) choke line valves (3-inch minimum).
  - 6. Kill line (2-inch minimum).
  - 7. Two (2) chokes.
  - 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
  - 9. Upper kelly cock valve with handles available.
  - 10. Safety valve(s) & subs to fit all drill string connections in use.
  - 11. Pressure gauge on choke manifold.
  - 12. Fill-up line above the uppermost preventer.
- B. Pressure Rating: 3,000 psi

### C. Testing Procedure:

### Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

### Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirments of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

# D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

### E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

### F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of Onshore Oil & Gas Order Number 2. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.



# NINE MILE CEMENT VOLUMES

Well Name:

Prickly Pear Unit Federal 7A-21D-12-15

### Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0,
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

<b>Lead</b> Volume:	203.6	ft³
Lead Fill:	650'	
Tail Volume:	109.6	ft <sup>3</sup>
Tail Fill:	350'	

### Cement Data:

Lead Yield:	2.53	ft <sup>5</sup> /sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	170	
# SK's Tail:	190	

### Production Hole Data:

Total Depth:	7,900
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	4.500"

### Calculated Data:

<b>Lea</b> d Volume:	522,1	ft
Lead Fill:	1,700'	
Tail Volume:	1658.5	ft³
Tail Fill:	5,400'	

### Cement Data:

Lead Yield:	1.91	ft³/sk
Tail Yield:	1.45	ft <sup>3</sup> /sk
% Excess:	15%	

### Calculated # of Sacks:

# SK's Lead:	320
# SK's Tail:	1320

Prickly Pear Unit Federal 7A-21D-12-15 Proposed Cementing Program

Job Recommendation		Su	face Casing
Lead Cement - (650' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	2.53	ft <sup>3</sup> /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	650'	
	Volume:	36.25	bbl
	Proposed Sacks:	170	sks
Tail Cement - (1000' - 650')			
Halcem TM System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.16	ft <sup>3</sup> /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	650'	
	Calculated Fill:	350'	
	Volume:	19.52	lďď
	Proposed Sacks:	190	sks

b Recommendation		Produc	tion Casi
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	92.99	bbl
	Proposed Sacks:	320	sks
Tail Cement - (2500' - 7900')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1.45	ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:	6.82	Gal/sk
0.2% FWCA	Top of Fluid:	2,500	
0.3% Super CBL	Calculated Fill:	5,400'	
0.125 lbm/sk Poly-E-Flake	Volume:	295.37	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	1320	sks

# NINE MILE CEMENT VOLUMES

Well Name:

Prickly Pear Unit Federal 7A-21D-12-15

### Surface Hole Data:

Total Depth:	1,0001
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	203.6	ft³
Lead Fill:	650'	
<b>Tai</b> l Volume:	109.6	ft³
Tail Fill:	350'	

### Cement Data:

Lead Yield:	2.53	ft°/sk
<b>Tail</b> Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

# Calculated # of Sacks:

# SK's Lead:	170
# SK's Tail;	190

### Production Hole Data:

Total Depth:	7,900
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

ft <sup>3</sup>	429.4	L <b>ead</b> Volume:
	1,700'	Lead Fill:
ft³	1364.0	<b>Tai</b> l Volume:
	5,400'	Teil Fill:

## Cement Data:

Lead Yield:	1.91	ft³/sk
Tail Yield:	1.45	ft <sup>3</sup> /sk
% Excess:	15%	

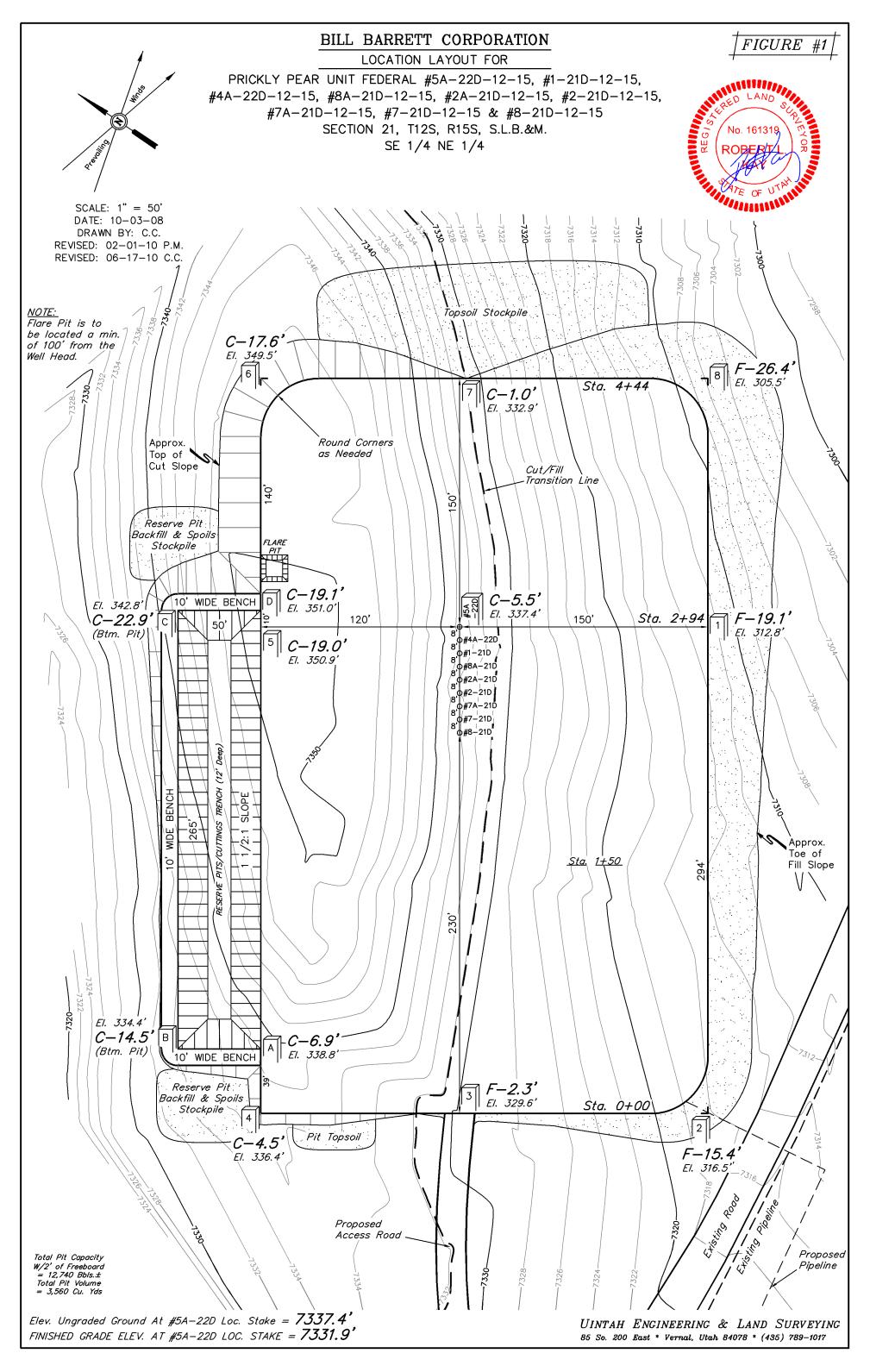
## Calculated # of Sacks:

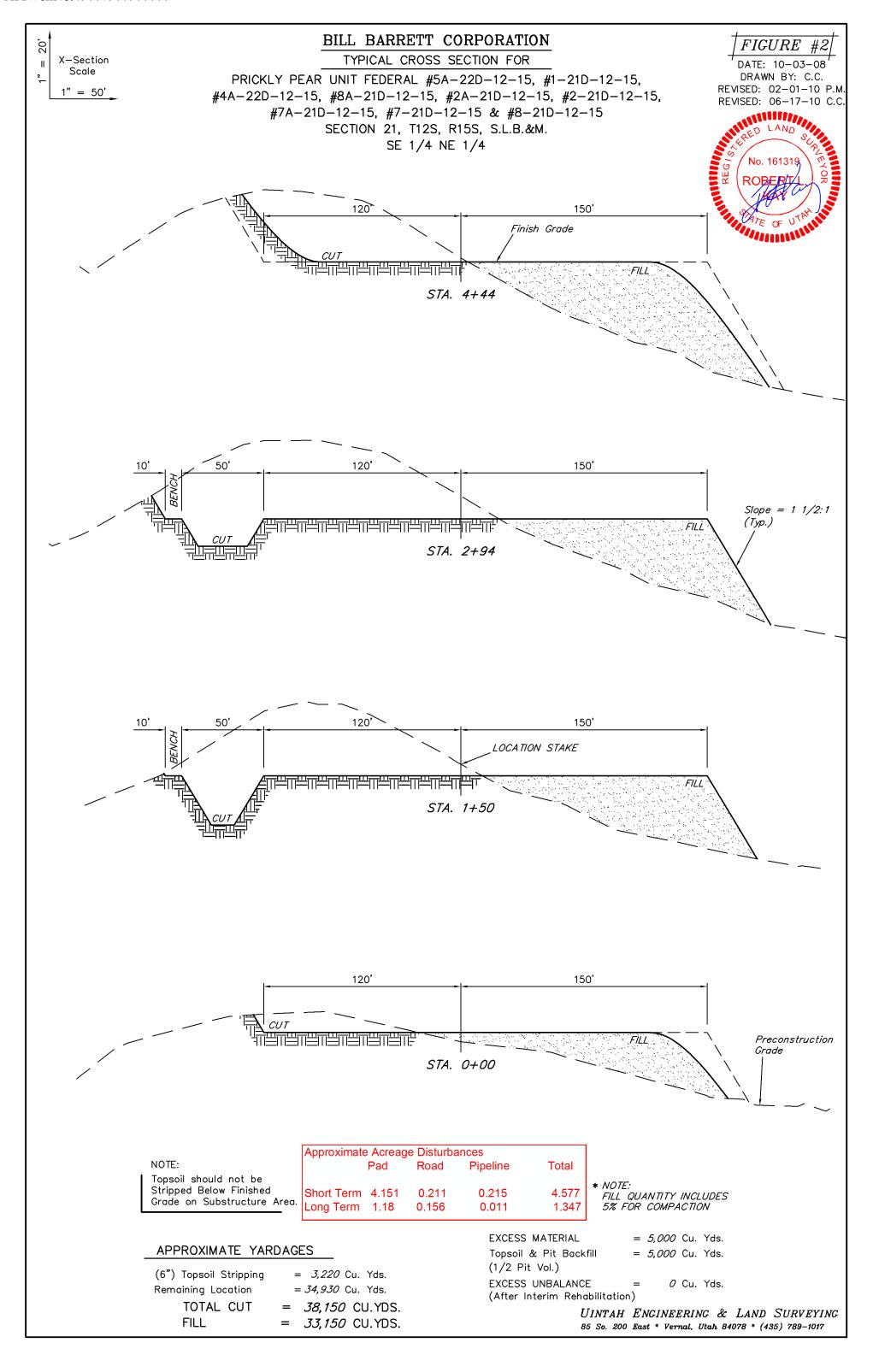
 # SK's Lead:	260
# SK's Tail:	1090

Prickly Pear Unit Federal 7A-21D-12-15 Proposed Cementing Program

Job Recommendation		Su	rface Casing
Lead Cement - (650' - 0')			
Varicem ™ Cement	Fluid Weight:		lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	2.53	ft <sup>3</sup> /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	650'	
	Volume:	36.25	bbl
	Proposed Sacks:	170	aks
Tail Cement - (1000' - 650')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.16	ft <sup>3</sup> /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	650'	
	Calculated Fill:	350'	
	Volume:	19.52	bbl
	Proposed Sacks:	190	sks

b Recommendation		Produc	tion Cas
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	76.48	bbl
	Proposed Sacks:	260	sks
Tail Cement - (2500' - 7900')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1.45	ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:		Gal/sk
0.2% FWCA	Top of Fluid:	2,500'	
0.3% Super CBL	Calculated Fill:	5,400'	
0.125 lbm/sk Poly-E-Flake	Volume:	242.92	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	1090	sks





# BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

FIGURE #3



PRICKLY PEAR UNIT FEDERAL #5A-22D-12-15, #1-21D-12-15, #4A-22D-12-15, #8A-21D-12-15, #2A-21D-12-15, #2-21D-12-15, #7A-21D-12-15, #7-21D-12-15 & #8-21D-12-15 SECTION 21, T12S, R15S, S.L.B.&M.

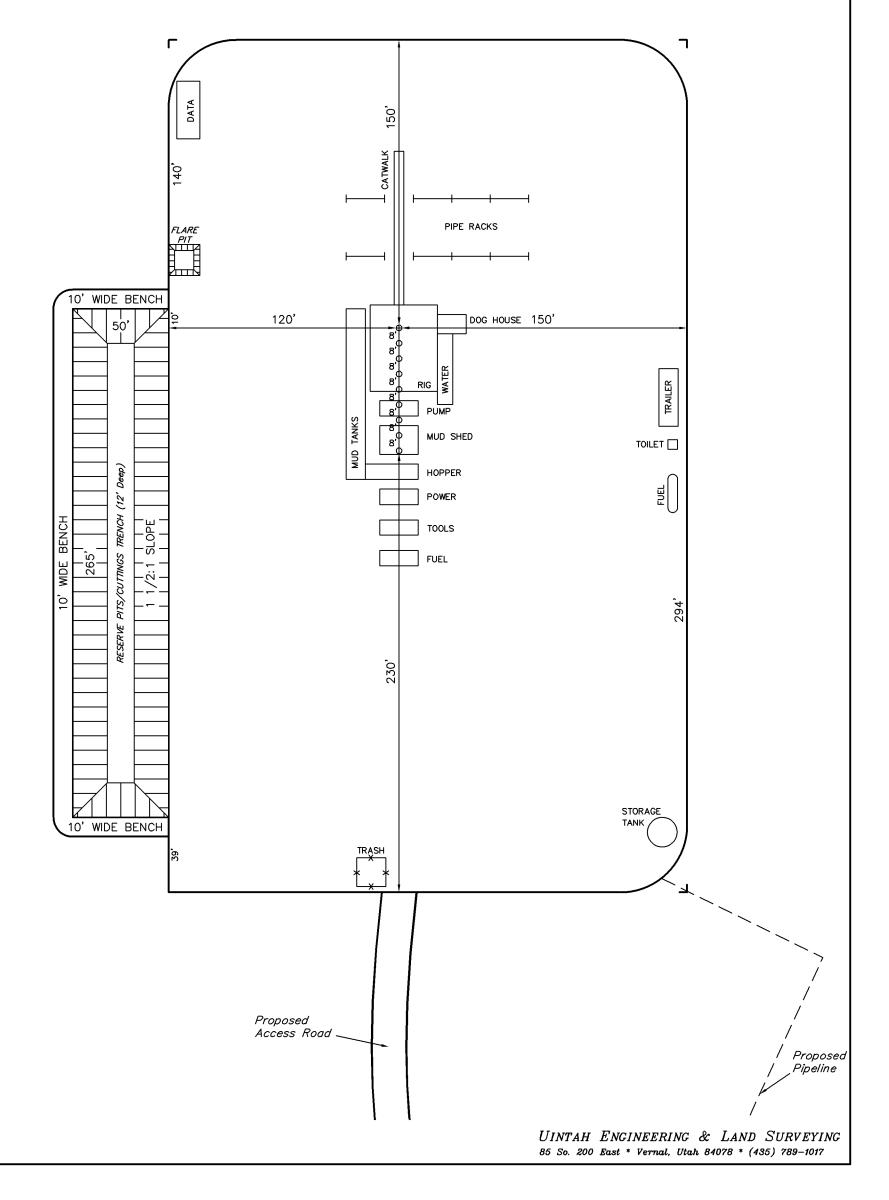
SE 1/4 NE 1/4



SCALE: 1" = 50' DATE: 02-01-10 DRAWN BY: P.M. REVISED: 06-17-10 C.C.

NOTE: Flare Pit is to be located a min. of 100' from the Well Head.

Total Pit Capacity W/2' of Freeboard = 12,740 Bbls.± Total Pit Volume = 3,560 Cu. Yds



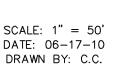
# BILL BARRETT CORPORATION

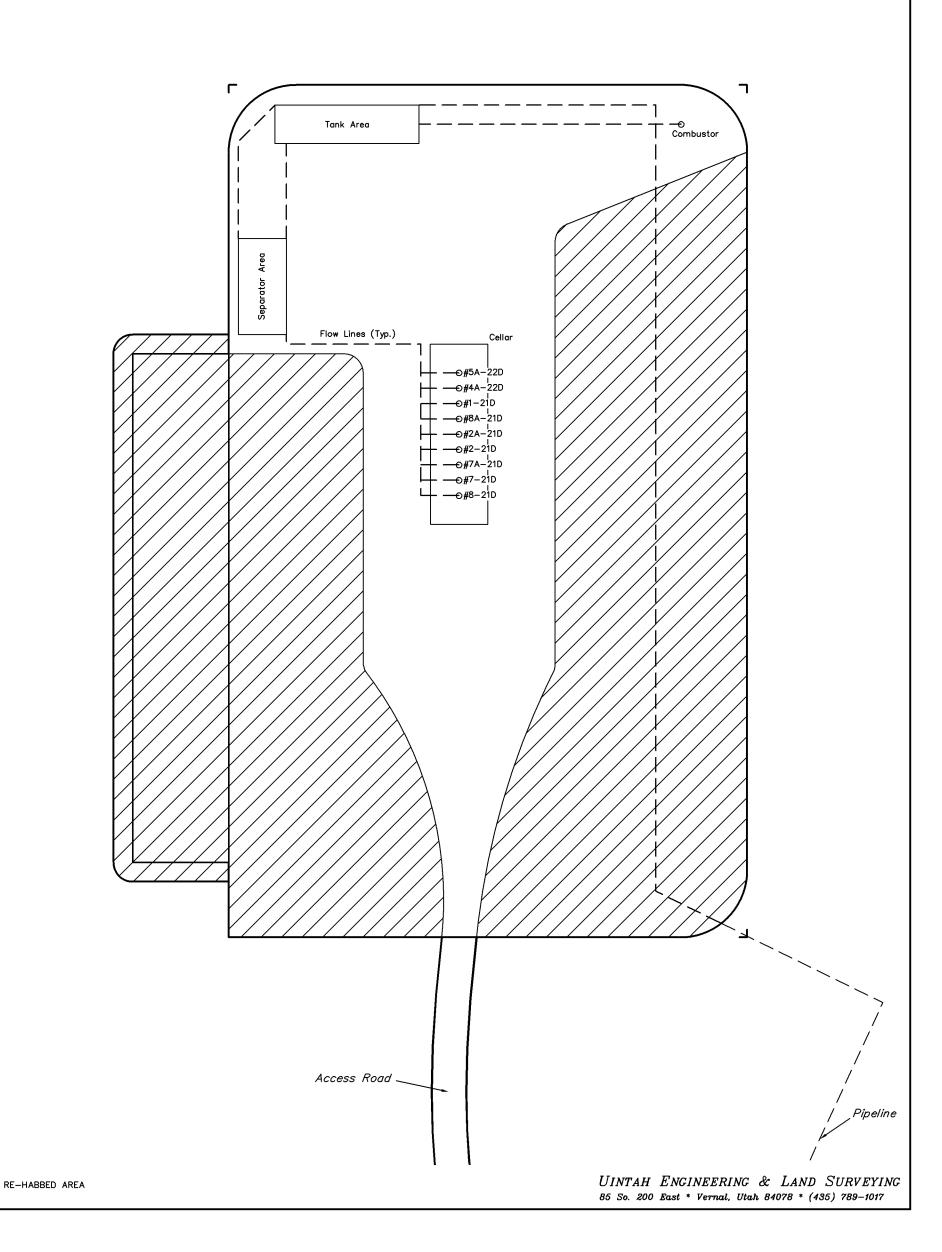
INTERIM RECLAMATION AND PRODUCTION FACILITY LAYOUT FOR PRICKLY PEAR UNIT FEDERAL #5A-22D-12-15, #1-21D-12-15, #4A-22D-12-15, #8A-21D-12-15, #2A-21D-12-15, #2-21D-12-15, #7A-21D-12-15, #7-21D-12-15 & #8-21D-12-15 SECTION 21, T12S, R15S, S.L.B.&M.

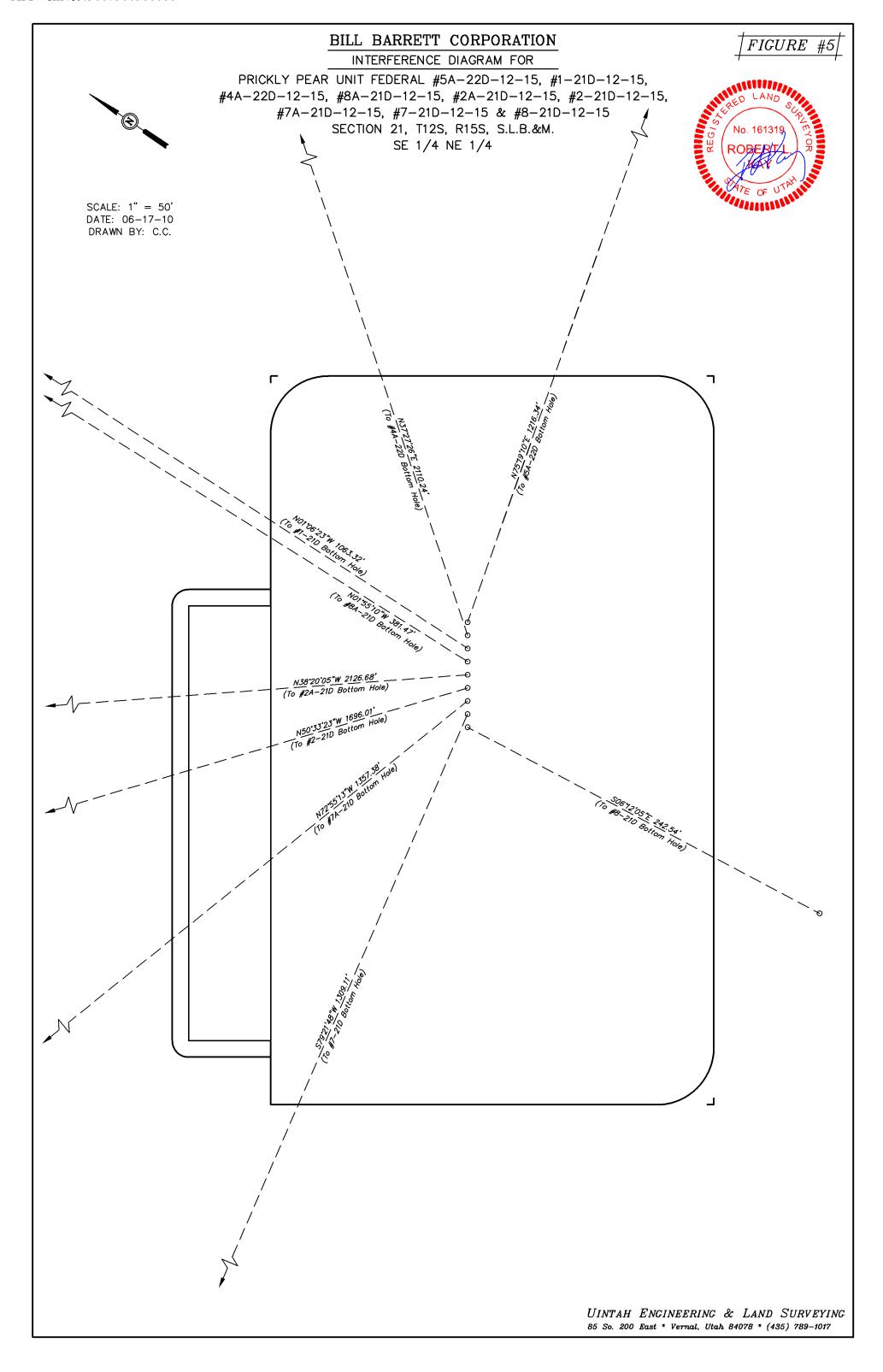
SE 1/4 NE 1/4







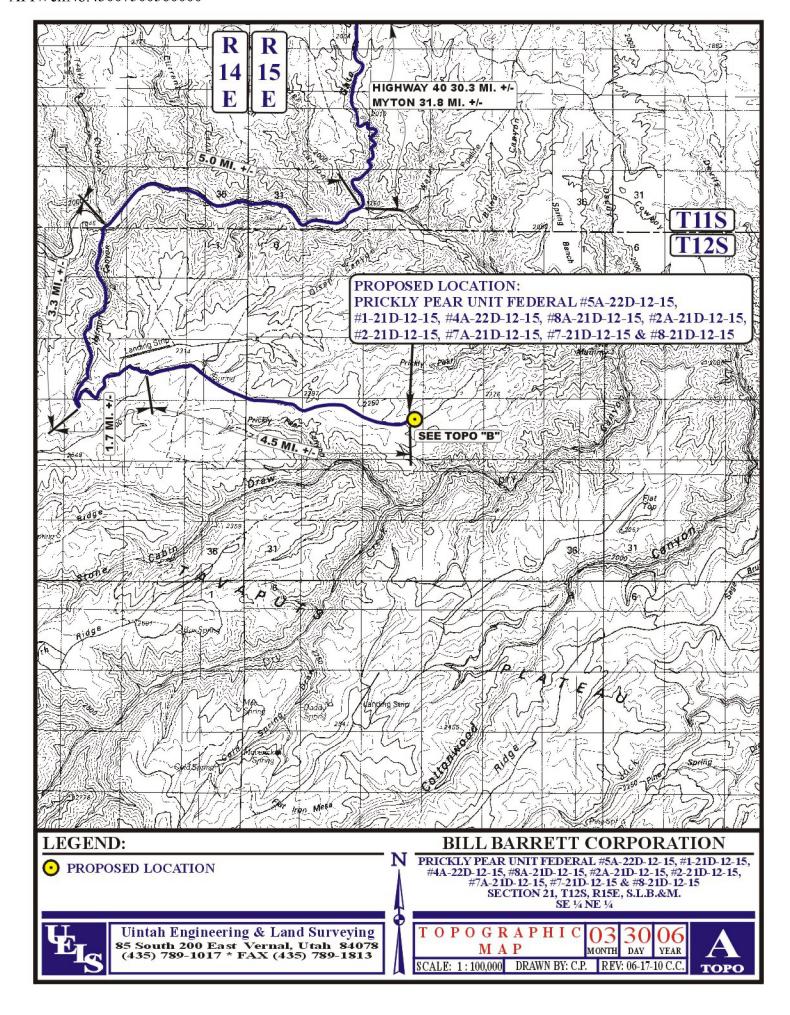


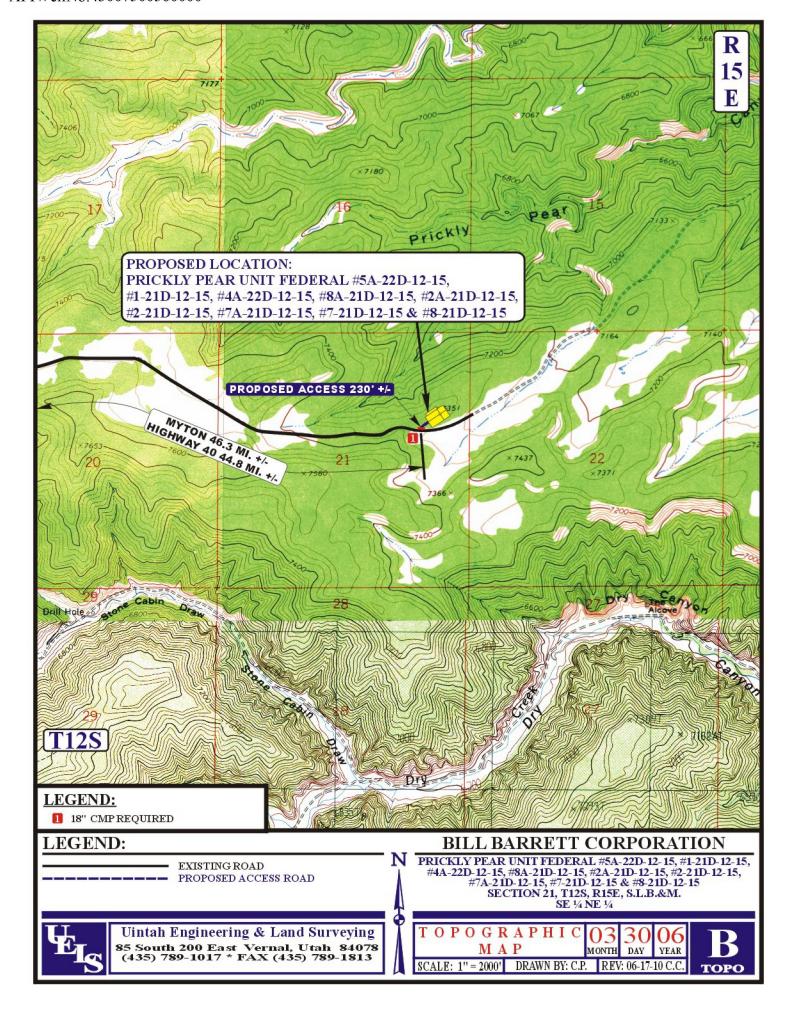


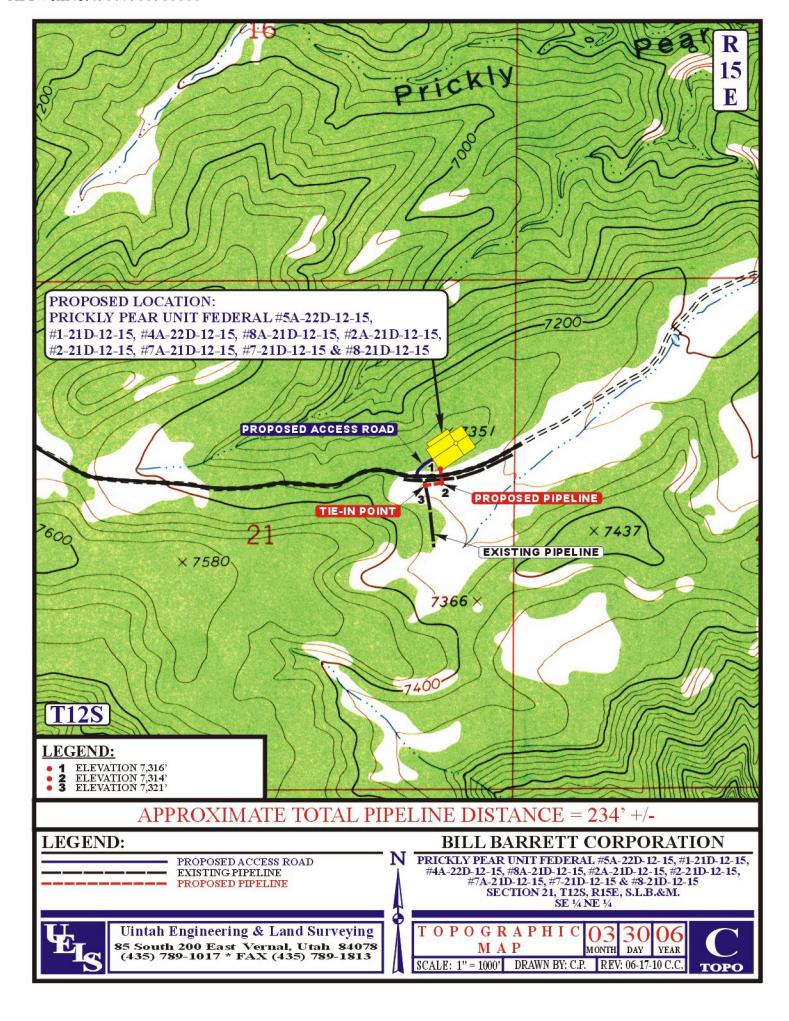
# BILL BARRETT CORPORATION PRICKLY PEAR UNIT FEDERAL #5A-22D-12-15, #1-21D-12-15, #4A-22D-12-15, #8A-21D-12-15, #2A-21D-12-15, #2-21D-12-15, #7A-21D-12-15, #7-21D-12-15 & #8-21D-12-15 SECTION 21, T12S, R15E, S.L.B.&M.

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 28.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST: **TURN RIGHT** AND PROCEED IN A SOUTHWESTERLY. NORTHWESTERLY. THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH: TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST: TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 4.5 MILES TO THE BEGINNING OF THE PROPOSED FOLLOW NORTHEAST; **ROAD** THE **FLAGS** NORTHEASTERLY DIRECTION APPROXIMATELY 233' TO THE PROPOSED LOCATION.

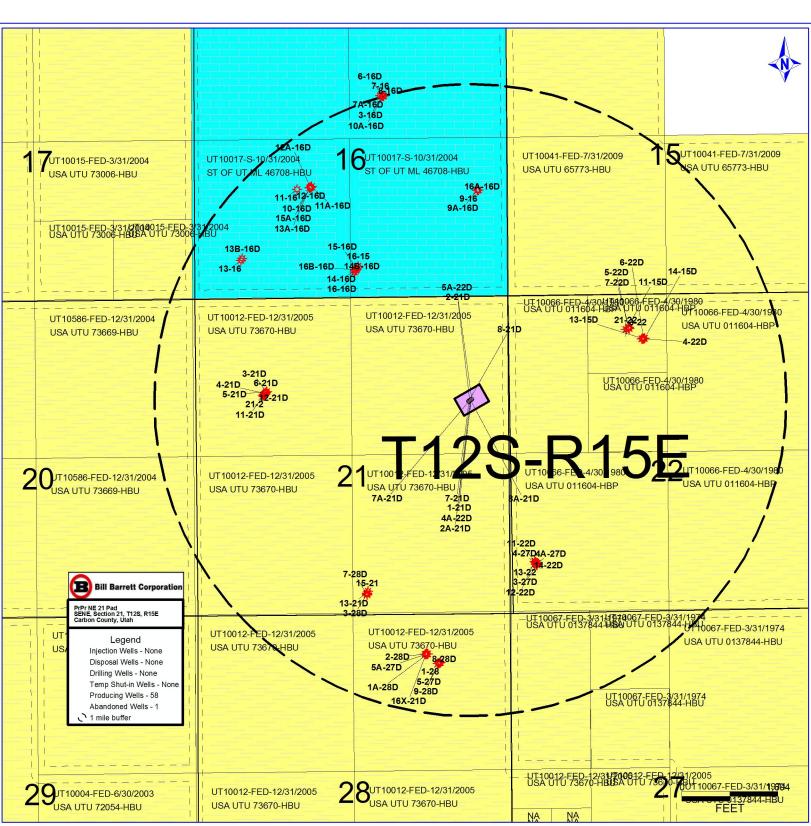
TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 46.3 MILES.







# ONE MILE RADIUS MAP



# APIWellNo:43007500560000'

### **SURFACE USE PLAN**

# BILL BARRETT CORPORATION Prickly Pear Unit Federal S2 NE 21 Pad Carbon County, UT

Prickly Pear Unit Federal 1-21D-12-15	Prickly Pear Unit Federal 2-21D-12-15
SENE, 1703' FNL, 615' FEL, Sec. 21, T12S-R15E (surface hole)	SENE, 1716' FNL, 635' FEL, Sec. 21, T12S-R15E (surface hole)
NENE, 640' FNL, 638' FEL, Sec. 21, T12S-R15E (bottom hole)	NWNE, 634' FNL, 1947' FEL. Sec. 21. T12S-R15E (bottom hole)
Prickly Pear Unit Federal 2A-21D-12-15	Prickly Pear Unit Federal 4A-22D-12-15
SENE, 1712' FNL, 628' FEL, Sec. 21, T12S-R15E (surface hole)	SENE, 1698' FNL, 608' FEL, Sec. 21, T12S-R15E (surface hole)
NWNE, 39' FNL, 1951' FEL, Sec. 21, T12S-R15E (bottom hole)	NWNW, 28' FNL, 671' FWL. Sec. 22, T12S-R15E (bottom hole)
Prickly Pear Unit Federal 5A-22D-12-15	Prickly Pear Unit Federal 7-21D-12-15
SENE, 1694' FNL, 602' FEL, Sec. 21, T12S-R15E (surface hole)	SENE, 1725' FNL, 648' FEL, Sec. 21, T12S-R15E (surface hole)
SWNW, 1390' FNL, 574' FWL, Sec. 22, T12S-R15E (bottom hole)	SWNE, 1962' FNL, 1934' FEL. Sec. 21, T12S-R15E (bottom hole)
Prickly Pear Unit Federal 7A-21D-12-15	Prickly Pear Unit Federal 8-21D-12-15
SENE, 1721' FNL, 641' FEL, Sec. 21, T12S-R15E (surface hole)	SENE, 1729' FNL, 655' FEL, Sec. 21, T12S-R15E (surface hole)
SWNE, 1317' FNL, 1940' FEL, Sec. 21, T12S-R15E (bottom hole)	SENE, 1971' FNL. 628' FEL, Sec. 21, T12S-R15E (bottom hole)
Prickly Pear Unit Federal 8A-21D-12-15	
SENE, 1707' FNL, 622' FEL, Sec. 21, T12S-R15E (surface hole)	
SENE, 1326' FNL, 635' FEL, Sec. 21, T12S-R15E (bottom hole)	

The onsite for this pad occurred in December 2008 and a subsequent onsite occurred June 30, 2010 to review pad changes. This is a new pad with a total of nine directional wells.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

### 1. Existing Roads:

- a. The proposed pad is located approximately 46 miles from Myton, Utah. Maps reflecting directions to the proposed pad are included (see Topographic maps A and B).
- b. The use of roads under State and County Road Department maintenance is necessary to access the Prickly Pear Unit. However, an encroachment permit is not anticipated as there are no upgrades to the State or County road systems proposed at this time.
- No topsoil stripping would occur as there are no improvements proposed to existing State, County
  or main BLM access roads.
- d. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a scraper and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- e. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
- f. To address safety-related traffic concerns, drivers and rig crews would be advised of the hazards to recreational traffic along the existing and proposed access roads, as well as hazards present due to blind corners, cars parked on the road, pedestrian traffic, and mountain bikers. In addition, appropriate signs would be erected to warn non-project personnel about traffic hazards associated with project-related activities and during times of rig moves, when there is heavy equipment, traffic may be controlled on sections of roads. Traffic would be controlled using roadside signs, flagmen, and barricades as appropriate.

- g. Dust suppression and monitoring would be implemented where necessary and as prescribed by the BLM.
- h. An off-lease federal right-of-way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Prickly Pear Unit area. All new construction would be within the Unit.

### Planned Access Road:

- a. From the existing Prickly Pear road, approximately 230 feet of new access road is proposed (see Topographic Map B) within the Prickly Pear Unit. A road design plan is not anticipated at this time.
- b. The new proposed access road would <u>not</u> be co-located by pipeline(s) and the requested corridor disturbance would be 50 ft with a short-term corridor disturbance of 40 ft (0.211 acres) reclaimed to a long-term corridor of 30 ft (0.16 acres).
- c. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- d. Intervisible turnouts would be constructed, where necessary and as topographic conditions allow, to improve traffic safety. A maximum grade of 10 percent would be maintained with minimum cuts and fills, as necessary, to access the well pad.
- e. New road construction and improvements of existing roads would typically require the use of motorgraders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- f. Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private, State of Utah, or federal lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- h. Adequate drainage structures would be incorporated and culverts, with a minimum diameter of 18 inches, would be installed as indicated on Topographic Map B. Turnouts would also be incorporated where necessary.
- No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel would be limited to the approved location access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- k. All access roads and surface disturbing activities would conform to the appropriate standard, no higher than necessary, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition Revised 2007.</u> BBC would be responsible for all maintenance of the access road.

### 3. Location of Existing Wells (see One-Mile Radius Map):

 a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:

i.	water wells	none
ii.	injection wells	none
iii.	disposal wells	none
iv.	drilling wells	none
ν.	temp shut-in wells	none
vi.	producing wells	fifty-eight
vii.	abandoned wells	one

### 4. Location of Production Facilities:

- a. Each proposed well would have its own meter run and separator. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches. All wellheads associated with the drilling operations for this pad would be contained in the same trench measuring approximately 12 ft wide, 10 ft deep, and 64 ft long (# wells x 8 ft + 16 ft for two end pieces). Drawings of below ground cellars can be provided by BBC upon request.
- b. Up to five <u>low-profile</u> tanks (up to 300-bbls in capacity) would be installed for this pad. As all of the new proposed wells on the pad are within the Prickly Pear unit and within the participating area, tanks would be shared among the wells. Figure 4 facility plans are attached.
- c. The tank battery would be surrounded by a secondary containment berm of sufficient capacity to contain 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the battery or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. BBC requests permission to install the necessary production/operation facilities with this application.
- d. Most wells would be fitted with plunger lift systems to assist liquid production. However, pump jacks may be used if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (50 horsepower or less), natural gas-fired internal combustion engines.
- e. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3
- f. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 10-27 ft tall. Combustor placement would be on existing disturbance and would not be closer than 100 ft to any tank or wellhead(s).
- g. A gas gathering pipeline (up to 6 inch diameter), approximately 234 feet in length (0.215 acres short-term, 0.011 acres long-term) is associated with this application and is being applied for at this time (see Topographic Map D). The gas pipeline would leave the south end of the pad and traverse south across the road and west where the gas pipeline would tie into the existing 12 inch line. Liquids would be trucked from this location.
- h. The proposed new gas pipeline would be constructed of steel and would be buried, where soil conditions permit, within the proposed 40 ft pipeline corridor.

- Although BBC intends on burying the new proposed pipeline, burial of pipelines would depend upon the site-specific topographic and soil conditions and operational requirements. If bedrock was encountered, BBC would contact the Authorized Officer at the time of construction to discuss further.
- j. BBC intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. The welded joints would either remain on the surface or would be placed within the trench, depending on the scenario. BBC intends on connecting the pipeline together utilizing conventional welding technology.
- k. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
- To limit erosion potential, backfill over pipeline trenches would be compacted so as not to extend
  above the original ground level after the fill has settled. Wheel or other methods of compacting
  backfill would be utilized as practicably feasible to reduce trench settling and water channeling.
- m. All permanent above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. These structures would be painted the designated color at the time of installation or within 6 months of being located on site. Facilities that are required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- n. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to. Any changes to facilities proposed within this surface use plan would be depicted on the site security diagram submitted.
- The site would require periodic maintenance to ensure that drainages are kept open and free of
  debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to
  adjacent areas.

### 5. Location and Type of Water Supply:

 Bill Barrett Corporation would use water consistent with approvals granted by the Utah State Engineer's Office under;

> Application Number 90-1863, expires June 6, 2011 Application Number 98-860, expires September 30, 2010 Application Number 90-4, expires December 31, 2014 Application Number 90-1861, expires May 11, 2011

- b. Water use for this location would most likely be diverted from Nine Mile Creek, the N¼ of Section 3, T12S-R14E. Bobtail trucks would haul the water, traveling Prickly Pear road to Harmon Canyon, traveling north to this point of diversion.
- c. Water use would vary in accordance with the formations to be drilled but would average approximately 1 acre-foot (7,758 barrels) during drilling operations and 1 acre-foot (7,758 barrels) during completion operations.

### Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be taken out of the Prickly Pear Unit.
- If any additional gravel is required, it would be obtained from SITLA materials permits, federal BBC locations within the Prickly Pear unit or from private sources.

### 7. Methods of Handling Waste Disposal:

 All wastes associated with this application would be contained and disposed of utilizing approved facilities.

### Closed Loop Drilling System

- b. BBC intends to employ a closed loop drilling system in which drilling fluids and cuttings would be thoroughly processed such that the separated cuttings are relatively dry. The cuttings would be stored on location in either secured piles or in a 265 ft x 50 ft cuttings trench (indicated as reserve pit/cuttings trench on Figure 1 located outboard of the location along the west side of the pad).
- c. The cuttings trench would not be lined. Three sides of the trench would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until cuttings trench has been reclaimed.
- d. Upon completion of drilling, the cuttings would be tested and further processed as necessary to meet standards for burial on site or other BLM approved uses such as a media for road surfacing or growing media for reclamation.

### Conventional or Semi-Closed Loop Drilling System

- e. In the event closed loop drilling is not employed, a conventional or semi-closed loop system would be used where a small amount of fluid is retained in the cuttings and the cuttings are placed in the reserve pit. The reserve pit would also store water to make up losses and store any excess drilling fluids. Reserve pits would be constructed with an impermeable liner so as to prevent releases. The pit liner would overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc. that could puncture the liner would be disposed of in the pit and a minimum of 2 ft of freeboard would be maintained in the pit at all times. Reserve pits would be constructed and maintained according to BLM or UDOGM requirements as appropriate.
- f. Three sides of the reserve pit would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until the pit is dry.
- g. Any hydrocarbons floating on the surface of the reserve pit would be removed as soon as possible after drilling and completion operations are finished. In some cases, the reserve pit may be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

### Completion Pit

h. Where closed loop drilling is employed, the cuttings trench disturbed area would typically also be used to store water for completion activities. The completion pit would be constructed with an impermeable liner to prevent releases and would be fenced and constructed and maintained according to BLM or UDOGM requirements.

### Other 1

- Produced fluids from the wells other than water would be decanted into steel test tanks until such
  time as construction of production facilities is completed. Produced water may be used in further
  drilling and completion activities, evaporated in the pit or would be hauled to a state approved
  disposal facility.
- j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to tanks within the CTB for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities or hauled to a State approved disposal facility.

Bill Barrett Corporation Surface Use Plan Prickly Pear UF S2 NE 21 Pad Carbon County, Utah

- k. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- m. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO<sub>2</sub> gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- n. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Carbon, Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.
- Sanitary waste equipment and trash bins would be removed from the WTP Project Area upon
  completion of access road or pipeline construction; following drilling and completion operations at
  an individual well pad; when worker housing is no longer needed; or as required.
- p. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the West Tavaputs Project area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is possible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
- q. Flare lines would be directed so as to avoid damage to surrounding vegetation, adjacent rock faces, or other resources, and as required by regulations. Flare lines would be in place on all well locations. In the event it becomes necessary to flare a well, a deflector and/or directional orifice would also be used to safeguard both personnel and adjacent natural rock faces.

#### 8. Ancillary Facilities:

- Garbage containers and portable toilets would be located on the well pad.
- Storage yards for tubulars and other equipment and temporary housing areas, located on BBC surface, would be utilized.

Bill Barrett Corporation Surface Use Plan Prickly Pear UF \$2 NE 21 Pad Carbon County, Utah

> c. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. Active drilling locations could include up to five single wide mobile homes or fifth wheel campers/trailers.

#### 9. Well Site Layout:

- a. Each well would be properly identified in accordance with 43 CFR 3162.6
- b. The pad has been staked at its maximum size of 444 ft x 270 ft with a 260 ft x 50 ft (4.2 acres short-term, 1.18 acres long-term) cuttings trench/reserve pit/completion pit outboard of the pad. The location layout and cross section diagrams are enclosed.
- c. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- d. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches.
- e. The cuttings trench or reserve pit would be fenced on three sides during drilling and on the fourth side immediately after the removal of the drilling rig. In the event closed loop drilling is employed, the cuttings trench would be removed or stockpiled on one edge of the trench and the area would be used for a completion pit during completion operations.
- Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- h. Construction of the well pad would take from 1 to 3 weeks depending on the features at the particular site.
- i. Dust suppression may be implemented if necessary to minimize the amount of fugitive dust.

#### 10. Plan for Restoration of the Surface:

#### Interim Reclamation (see Figure 4)

- Portions of the disturbed area within a construction ROW or portions of well pads not needed for
  production would be reclaimed according to specifications of the BLM as appropriate.
- b. Prior to interim reclamation activities, all solid wastes and refuse would be removed and placed at approved landfills. The portions of the well pad or access and pipeline corridor not needed for production would be re-contoured to promote proper drainage, salvaged topsoil would be replaced, and side slopes would be ripped and disked on the contour. Following site preparation, reseeding would be completed during either the spring or fall planting season, when weather conditions are most favorable. Seed mixtures for reclaimed areas would be site-specific and would require approval by the BLM. BBC would apply and meet BLM's Green River District Reclamation Standards, as practicable.
- c. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On

Bill Barrett Corporation Surface Use Plan Prickly Pear UF S2 NE 21 Pad Carbon County, Utah

BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

- d. Following interim reclamation, access roads (including roads co-located with pipeline) would be reduced to approximately 30 feet of disturbance. Roads leading to well sites that would not have surface production equipment would be designed and reclaimed in a way that minimizes impacts to the visual character of the host lands.
- e. Weather permitting, earthwork for interim reclamation would be completed within 6 months of completion of the final well on the pad or plugging and would continue until satisfactory revegetation cover is established. Inter-seeding (i.e. seeding into existing vegetation), secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provisions would be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures would occur on areas where initial reclamation efforts are unsuccessful, as determined by the BLM or the appropriate surface management agency.

#### Dry Hole/Final Reclamation

- f. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.
- g. When a well is to be plugged and abandoned, BBC would submit a Notice of Intent to Abandon (NOA) to the BLM or UDOGM as appropriate. The BLM or UDOGM would then attach the appropriate surface rehabilitation COAs for the well pad, and as appropriate, for the associated access road, pipeline, and ancillary facilities. During plugging and abandonment, all structures and equipment would be removed from the well pad. Backfilling, leveling, and re-contouring would then be performed according to the BLM or UDOGM order.
- h. Any mulch used by BBC would be weed-free and free from mold, fungi, or noxious weeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting or rock.
- i. BBC would reshape disturbed channel beds to their approximate original configuration.
- j. Reclamation of abandoned roads may include re-shaping, re-contouring, re-surfacing with topsoil, installation of water bars, and seeding on the contours. Road beds, well pads, and other compacted areas would be ripped to a depth of approximately 1 foot on 1.5 foot centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation would be spread over the disturbance area for nutrient recycling, where practical. Additional erosion control measures (e.g. fiber matting) and road barriers to discourage travel may be constructed if appropriate. Graveled roads, well pads, and other sites would be stripped of usable gravel prior to ripping as deemed necessary. Culverts, cattleguards, and signs would be removed as roads are abandoned.

#### 11. Surface and Mineral Ownership:

- a. Surface ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- Mineral ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

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#### 12. Other Information:

- Montgomery Archaeological Consultants conducted a cultural resource inventory for this pad, access and pipeline under MOAC 08-251 dated November 4, 2008.
- BBC would require that their personnel, contractors, and subcontractors to comply with Federal
  regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
  - · No dogs within the WTP Project Area;
  - No firearms within the WTP Project Area;
  - No littering within the WTP Project Area;
  - Smoking within the WTP Project Area would only be allowed in off-operator active
    locations or in specifically designated smoking areas. All eigarette butts would be placed in
    appropriate containers and not thrown on the ground or out windows of vehicles; personnel
    and contractors would abide by all fire restriction orders;
  - Campfires or uncontained fires of any kind would be prohibited within the WTP Project Area;
  - Portable generators used in the WTP Project Area would have spark arrestors.
- d. All proposed disturbances are within the Prickly Pear unit: the well pad, access and pipeline disturbances would occur on lease UTU-73670.

# 'APIWellNo:43007500560000'

#### **OPERATOR CERTIFICATION**

#### Certification:

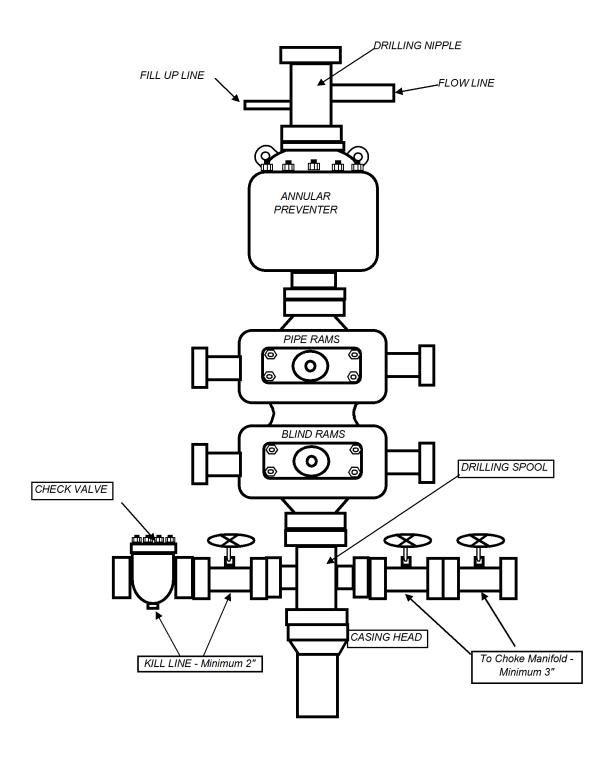
I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

Executed this Name: Position Title: Regulatory Manager 1099 18th Street, Suite 2300, Denver, CO 80202 Address: 303-312-8134 Telephone: Field Representative Brandon Murdock Address: 1820 W. Hwy 40, Roosevelt, UT 84066 Telephone: 435-724-5252 E-mail: bmurdock@billbarretteorp.com

Tracey Fallang, Regulatory Manager

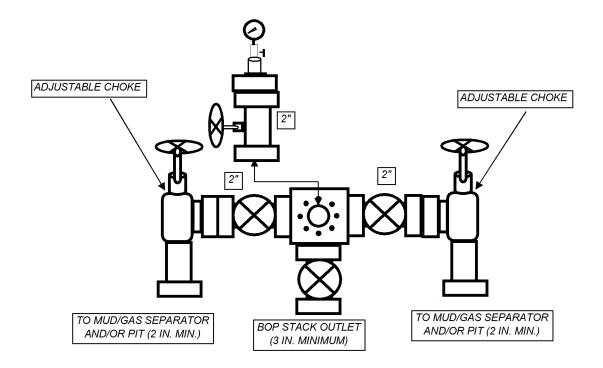
# **BILL BARRETT CORPORATION**

## TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



# **BILL BARRETT CORPORATION**

## TYPICAL 3,000 p.s.i. CHOKE MANIFOLD





August 2, 2010

Ms. Diana Mason State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE:

Directional Drilling R649-3-11

Prickly Pear Unit Federal #7A-21D-12-15

SHL: 1721' FNL & 641' FEL SENE 21-T12S-R15E BHL: 1317' FNL & 1940' FEL SWNE 21-T12S-R15E

Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Prickly Pear Unit Area and a Participating Area;
- This well is a directional well and is greater than 460 feet from the Prickly Pear Unit boundary.
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8513.

Sincerely,

Vicki Wambolt

Vicki Wambolt

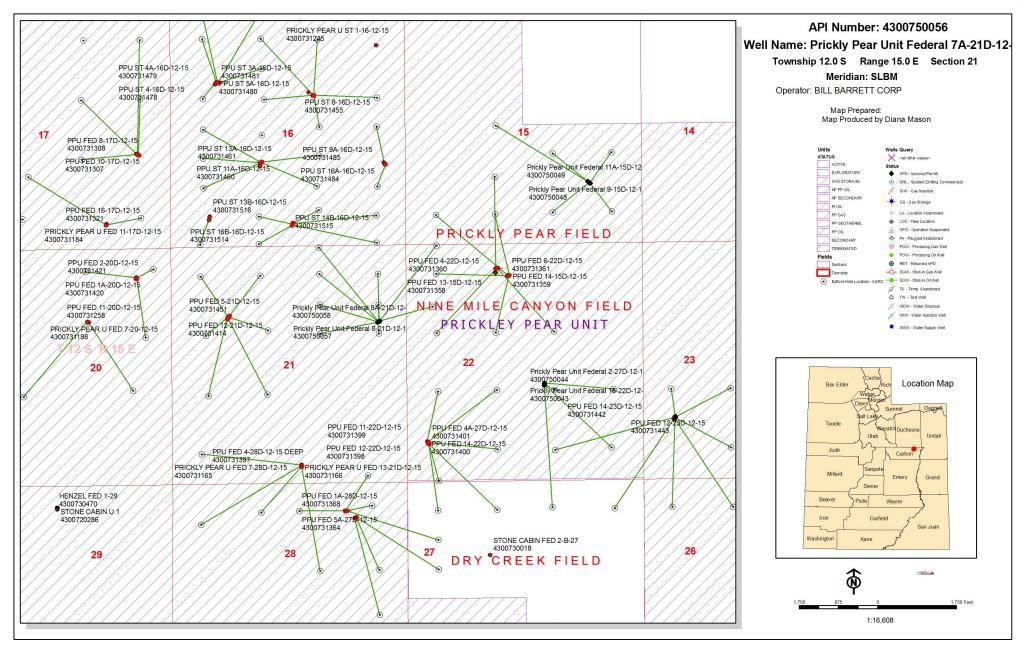
Eu Landman

1099 18TH STREET **SUITE 2300** 

DENVER, CO 80202

303.293.9100

303.291.0420



# WORKSHEET APPLICATION FOR PERMIT TO DRILL

API NO. ASSIGNED: 43007500560000 **APD RECEIVED:** 8/2/2010 **WELL NAME:** Prickly Pear Unit Federal 7A-21D-12-15 **OPERATOR:** BILL BARRETT CORP (N2165) **PHONE NUMBER: 303 293-9100 CONTACT:** Elaine Winick PROPOSED LOCATION: SENE 21 120S 150E **Permit Tech Review: SURFACE: 1721 FNL 0641 FEL Engineering Review: BOTTOM:** 1317 FNL 1940 FEL Geology Review: **COUNTY: CARBON LATITUDE: 39.76180 LONGITUDE:** -110.23399 **UTM SURF EASTINGS: 565615.00** NORTHINGS: 4401391.00 FIELD NAME: PRICKLY PEAR **LEASE TYPE:** 1 - Federal **LEASE NUMBER: UTU 73670** PROPOSED PRODUCING FORMATION(S): WASATCH-MESA VERDE SURFACE OWNER: 1 - Federal **COALBED METHANE: NO RECEIVED AND/OR REVIEWED: LOCATION AND SITING:** ✓ PLAT R649-2-3. Unit: PRICKLY PEAR Bond: FEDERAL - WYB000040 Potash R649-3-2. General **Oil Shale 190-5 Oil Shale 190-3** R649-3-3. Exception Oil Shale 190-13 **Drilling Unit** Board Cause No: Cause 256-01 Water Permit: Nine Mile Creek **Effective Date:** 12/16/2004 **RDCC Review:** Siting: Suspends General Siting **Fee Surface Agreement Intent to Commingle** ✓ R649-3-11. Directional Drill

Comments: Presite Completed

**Commingling Approved** 

APD IS IN UPOD:

**Stipulations:** 4 - Federal Approval - dmason

15 - Directional - dmason

API Well No: 43007500560000



# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

### **Permit To Drill**

\*\*\*\*\*\*

Well Name: Prickly Pear Unit Federal 7A-21D-12-15

**API Well Number:** 43007500560000

Lease Number: UTU 73670 Surface Owner: FEDERAL Approval Date: 8/11/2010

#### **Issued to:**

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

#### **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 256-01. The expected producing formation or pool is the WASATCH-MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

#### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

 Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
 OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

#### **Reporting Requirements:**

API Well No: 43007500560000

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

Acting Associate Director, Oil & Gas

	G	FORM 9  5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73670				
SUNDI	RY NOTICES AND REPORTS OF	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	sals to drill new wells, significantly deepen exis ugged wells, or to drill horizontal laterals. Use A		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR UNIT FED 7A-21D-12-15			
2. NAME OF OPERATOR: BILL BARRETT CORP			<b>9. API NUMBER:</b> 43007500560000			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , I	<b>PHONE N</b> Denver, CO, 80202 303 312-8		9. FIELD and POOL or WILDCAT: PRICKLY PEAR			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1721 FNL 0641 FEL			COUNTY: CARBON			
QTR/QTR, SECTION, TOWNSH: Qtr/Qtr: SENE Section: 21	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: S		STATE: UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
NOTICE OF INTENT Approximate date work will start: 7/30/2011  SUBSEQUENT REPORT Date of Work Completion:  SPUD REPORT Date of Spud:  DRILLING REPORT Report Date:	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION	CHANGE TUBING  COMMINGLE PRODUCING FORMATIONS  FRACTURE TREAT  PLUG AND ABANDON  RECLAMATION OF WELL SITE  SIDETRACK TO REPAIR WELL  VENT OR FLARE  SI TA STATUS EXTENSION  OTHER	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER:			
In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, Completion Into Two or More Pools, BBC is submitting this sundry to request commingling approval for the Wasatch and Mesaverde formations. Gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or Date:  September 21, 2010 interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval. A letay:  and affidavit of notice is attached. As per Marvin Hendrickson with the Price  BLM, federal authority of this action is not necessary.						
Tracey Fallang	303 312-8134	Regulatory Analyst				
SIGNATURE N/A		<b>DATE</b> 8/27/2010				



Utah Division of Oil, Gas & Mining 1594 W. North Temple, Suite 1210 Salt Lake City, UT 84116 Attention: Dustin Doucet

RE:

Sundry Notices Prickly Pear Unit S2NE 21 T12S R15E Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Prickly Pear Unit Federal 7-21D-12-15, 7A-21D-12-15, 2-21D-12-15, 2A-21D-12-15, 4A-22D-12-15, 5A-22D-12-15, 8-21D-12-15, 1-21D-12-15 & 8A-21D-12-15 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

**BILL BARRETT CORPORATION** 

Vicki L. Wambolt

Landman



#### **AFFIDAVIT**

My name is Vicki L. Wambolt and I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde formations in the Prickly Pear Unit Federal 7-21D-12-15, 7A-21D-12-15, 2-21D-12-15, 2A-21D-12-15, 4A-22D-12-15, 5A-22D-12-15, 8-21D-12-15, 1-21D-12-15 & 8A-21D-12-15 wells drilled from a pad located in the S2NE of Section 21, Township 12 South, Range 15 East. In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas leases or drilling units overlying the pool.

State of Utah, acting by and through the School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102

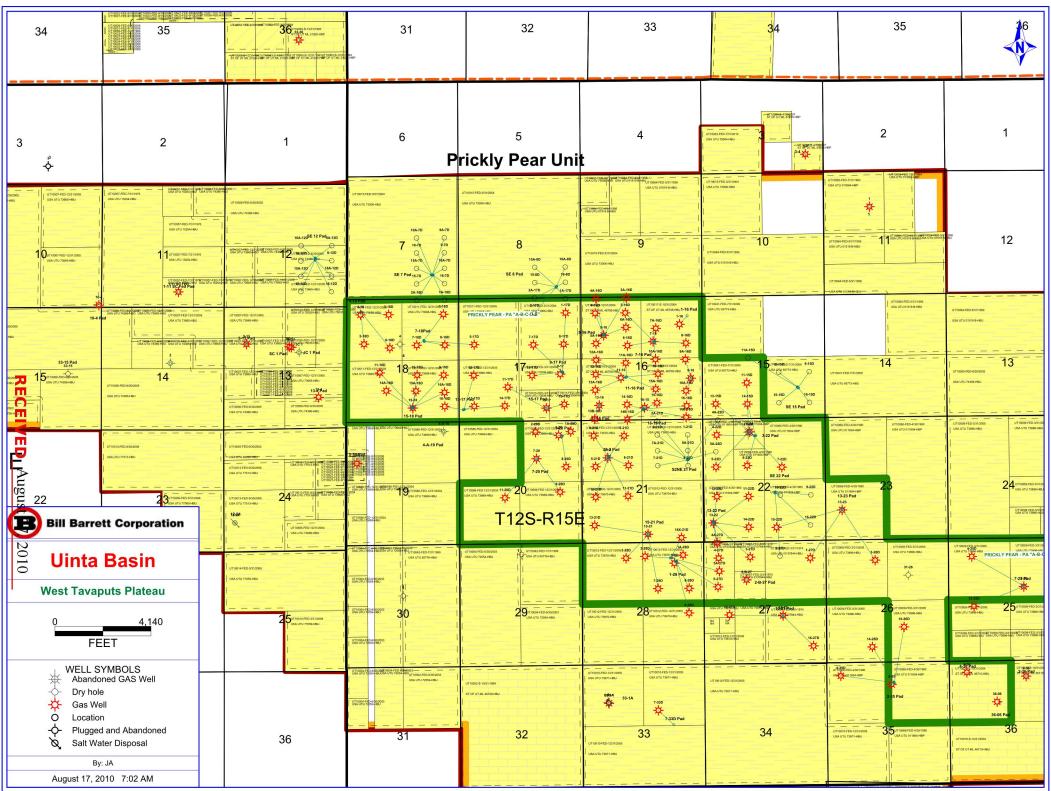
Bureau of Land Management Price Field Office 125 South 600 West Price, Utah 84501

XTO Energy, Inc. 810 Houston St. Fort Worth, TX 76102-6298

Date: August 9, 2010 Affiant

Vicki L. Wambolt

1099 18TH STREET SUITE 2300 DENVER, CO 80202 O 303.293.9100 F 303.291.0420





Bureau of Land Management Price Field Office 125 South 600 West Price, UT 84501

Attention: Marvin Hendricks

RE: Sundry Notices
Prickly Pear Unit
S2NE 21 T12S R1

S2NE 21 T12S R15E Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Prickly Pear Unit Federal 7-21D-12-15, 7A-21D-12-15, 2-21D-12-15, 2A-21D-12-15, 4A-22D-12-15, 5A-22D-12-15, 8-21D-12-15, 1-21D-12-15 & 8A-21D-12-15 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Certified Mail 7008 1830 0001 5329 9154

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

**BILL BARRETT CORPORATION** 

Vicki L. Wambolt

Landman



State of Utah Certified Mail 7008 1830 0001 5329 9338 School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102

RE: Sundry Notices

Prickly Pear Unit S2NE 21 T12S R15E Carbon Co., UT

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Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

**BILL BARRETT CORPORATION** 

Charletinbult

Vicki L. Wambolt

Landman



XTO Energy, Inc. 810 Houston St. Fort Worth, TX 76102-6298

Certified Mail 7008 2810 0002 3823 8842

RE: Sundry Notices

Prickly Pear Unit S2NE 21 T12S R15E Carbon Co., UT

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Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

**BILL BARRETT CORPORATION** 

4 CATURDALY

Vicki L. Wambolt

Landman

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

BUREAU OF LAND	MANAGEMENT	5. Lease Serial No. UTU73670	
APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Tribe N	lame
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Na UTU79487H	ame and No.
1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Ot	her Single Zone Multiple Zone	Lease Name and Well No.     PRICKLY PEAR UNIT FE	DERAL 7A-21
2. Name of Operator Contact: BILL BARRETT CORPORATION E-Mail: tfallange	TRACEY FALLANG @billbarrettcorp.com	9. API Well No. 43-007-50056	
3a. Address 1099 18TH STREET, SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303.312.8134	10. Field and Pool, or Explorate PRICKLY PEAR	ory
4. Location of Well (Report location clearly and in accord	ance with any State requirements.*)	11. Sec., T., R., M., or Blk. and	Survey or Area
At surface SENE 1721FNL 641FEL At proposed prod. zone SWNE 1317FNL 1940FEL		Sec 21 T12S R15E Mei SME: BLM	r SLB
<ol> <li>Distance in miles and direction from nearest town or post</li> <li>MILES FROM MYTON, UT</li> </ol>	office*	12. County or Parish CARBON	13. State UT
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)</li> <li>1317' LEASE, &gt;1 MILE UNIT</li> </ol>	16. No. of Acres in Lease 1440.00	17. Spacing Unit dedicated to the 20.00	his well
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.</li> <li>1404</li> </ol>	19. Proposed Depth 7900 MD 7600 TVD	20. BLM/BIA Bond No. on file	
21. Elevations (Show whether DF, KB, RT, GL, etc. 7337 GL	22. Approximate date work will start 10/01/2010	23. Estimated duration 40 DAYS (D&C)	<del> </del>
	24. Attachments	100 100 100 100 100 100 100 100 100 100	<u> </u>
The following, completed in accordance with the requirements of	f Onshore Oil and Gas Order No. 1, shall be attached to	this form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Of</li> </ol>	ltem 20 above).	ons unless covered by an existing be formation and/or plans as may be re	
25. Signature (Electronic Submission)	Name (Printed/Typed) TRACEY FALLANG Ph: 303.312.8134		Date 08/02/2010
Title REGULATORY MANAGER			
Approved by (Signature):	Name (Printed/Typed)		\

PRICE FIELD OFFICE Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

NG FIELD MANAGER

**RECEIVED** 

Electronic Submission #90716 verified by the BLM Well Information System For BILL BARRETT CORPORATION, sent to the Moab Committed to AFMSS for processing by ANITA JONES on 08/09/2010 (10AIJ0281AE)

DEC 02 2010

**NOTICE OF** APPROVAL

DIV. OF OIL, GAS & MINING CONDITIONS OF APPROVAL ATTACHED



#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** PRICE FIELD OFFICE





**PRICE. UT 84501** 

(435) 636-3600



Company: Well No:

**Bill Barrett Corporation** 

Prickly Pear Unit Federal 7A-21D-12-15 Lease No:

Surface Location: SENE-Sec 21-T12S-R15E

Agreement:

UTU-73670 UTU-79487H

API No:

43-007-50056

(435) 636-3600

OFFICE FAX NUMBER:

OFFICE NUMBER:

(435) 636-3657

#### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

**Location Construction** (Notify NRS) **Location Completion** (Notify NRS) **Spud Notice** (Notify Petroleum Engineer) Casing String & Cementing (Notify Petroleum Eng. Technician) BOP & Related Equipment Tests (Notify Petroleum Eng. Technician) First Production Notice (Notify Petroleum Engineer)

- Forty-Eight (48) hours prior to construction of location and access roads.
- Prior to moving on the drilling rig.
- Twenty-Four (24) hours prior to spudding the well.
- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
- Twenty-Four (24) hours prior to initiating pressure tests.
- Within Five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 8 Date: 11/16/2010 Well: Prickly Pear Unit Federal 7A-21D-12-15

DRILLING DROODAW

# DRILLING PROGRAM CONDITIONS OF APPROVAL (COAs)

#### **SITE SPECIFIC DRILLING & PRODUCTION COAS**

- While drilling the surface hole with air, a float valve shall be run above the bit, per Onshore Order #2 Part III.E Special Drilling Operations.
- Bill Barrett Corporation (BBC) proposed the possibility of using several different grades of production casing (including N-80, I-80, I-100 and P-110). Per subsequent conversations with BBC, BBC stated only P-110 grade production casing will be used for this well. Therefore, use of N-80, I-80 and I-100 casing is not approved for use in this well, however the use of any of these grades may be requested in the future by sundry notice.
- A cement bond log (CBL) shall be run to determine the top of cement behind the production casing, and a field copy sent to the Price Field Office.
- A complete set of angular deviation and directional surveys for this directional well will be submitted to the Price Field Office petroleum engineer within 30 days of completing the well.
- A copy of the approved Application for Permit to Drill (APD) for this well shall be on location at all times once drilling operations have commenced.

#### **VARIANCES GRANTED**

- BBC's request for variance to not use de-duster equipment (Onshore Order #2 Part III.E Special Drilling Operations) is granted, unless the air/mist system is not used.
- BBC's request for variance to use an electronic flow meter for gas measurement (Onshore Order #5 Measurement of Gas) is granted as long as it meets or exceeds the requirements of Utah NTL 2007-1 regarding the use of Electronic Flow Computers.
- BBC's request for variance from Onshore Order #5 Part III.C.3 Gas Measurement by Orifice Meter to use a flow conditioner on this well instead of straightening vanes is approved with the following conditions:
  - 1. Flow conditioners must be installed in accordance with the manufacturer's specifications.
  - 2. The make, model, and location of flow conditioner must be clearly identified and available to BLM on-site at all times.
  - 3. This is a provisional approval that is subject to change pending final review and analysis by BLM. If BLM determines that this flow conditioner cannot meet or exceed the minimum standards required by Onshore Order #5, you will be required to retrofit the installation to comply with BLM requirements, or replace the installation with one that complies with AGA Report Number 3, 1985. The time frame for compliance will be specified by the Price Field Office.

Page 3 of 8 Date: 11/16/2010

Well: Prickly Pear Unit Federal 7A-21D-12-15

#### STANDARD OPERATING REQUIREMENTS

- The requirements included in Onshore Order #2 Drilling Operations shall be followed.
- The Price Field Office petroleum engineer will be notified 24 hours verbally prior to spudding the well.
- Notify the Price Field Office petroleum engineering technician at least 24 hours in advance of casing cementing operations, BOPE tests and casing pressure or mud weight equivalency tests.
- Should H<sub>2</sub>S be encountered in concentrations greater than 100 ppm, the requirements of Onshore Order #6 Hydrogen Sulfide Operations shall be followed.
- Any deviation from the permitted APD's proposed drilling program shall have prior approval from the petroleum engineer. Changes may be requested verbally (to be followed by a written sundry sent to this office), or submitted by written sundry if time warrants.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed. The
  closing unit controls shall remain unobstructed and readily accessible at all times, and choke
  manifolds shall be located outside of the rig substructure.
- BOP testing shall be conducted within 24 hours of drilling out from under the surface casing, and weekly thereafter as specified in Onshore Order #2.
- All BOPE components shall be inspected daily, and the inspections recorded in the daily drilling report. Components shall be operated and tested, as required by Onshore Order #2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder, and not by the rig pumps. Test results shall be reported in the driller's log.
- All casing strings below the conductor pipe shall be pressure tested to .22 psi/foot or 1500 psi (whichever is greater), but not to exceed 70% of the internal yield pressure.
- No aggressive/fresh hard-banded drill pipe shall be used in the casing design. The proposed use of non-API standard casing must be approved in advance by the petroleum engineer.
- During drilling operations, daily drilling reports shall be submitted by sundry on a weekly basis to the Price Field Office. Within 30 days of finishing drilling and completion operations, a chronological daily operations history shall be submitted by sundry to this office.
- A copy of all logs run on this well shall be submitted digitally (in PDF or TIFF format) to the Price Field Office.
- The venting or flaring of gas while initially testing the well shall be done in accordance with the
  requirements specified in Notice to Lessees #4A, and shall not exceed a period of 30 days or
  the production of 50 MMCF of gas, whichever occurs first. Additional time needed to vent or
  flare gas during production operations requires prior approval from the Price Field Office.
- Should this well be successfully completed as a producing well, the Price Field Office must be notified within 5 business days following the date the well has first sales.

Page 4 of 8 Date: 11/16/2010

Well: Prickly Pear Unit Federal 7A-21D-12-15

#### STANDARD OPERATING REQUIREMENTS (cont.)

• Proposed production operations that involve: 1) the commingling of production from wells located on-lease or off-lease, 2) off-lease measurement, or 3) off-lease storage shall have prior written approval from the Price Field Office.

- Operators shall meet the requirements listed in Onshore Order #4 Measurement of Oil and Onshore Order #5 Measurement of Gas. New oil and gas meters shall be calibrated prior to initial product sales. The operator (or its contractors) is responsible for providing the date and time of the initial meter calibration (and all future meter proving schedules) to the petroleum engineering technician. Copies of all meter calibration reports that are performed shall be submitted to the Price Field Office.
- In accordance with 43 CFR 3162.4-3, this well's production data shall be reported on the "Monthly Report of Operations" starting with the month in which operations commence and continue each month until the well is plugged and abandoned.
- The operator is responsible for submitting the information required in 43 CFR 3162.4-1 Well Records and Reports, including BLM Form 3160-4, Well Completion and Recompletion Report and Log which must be submitted to the Price Field Office within 30 days of completing the well.
- Onshore Order #7 authorizes the disposal of water produced from this well in the reserve pit for a period of 90 days after the date of initial production. A permanent disposal method must be submitted and approved by this office, and in operation prior to the end of this 90-day period.
- The requirements of Onshore Order #3 Site Security shall be implemented, and include (as applicable): 1) all lines entering and leaving hydrocarbon storage tanks shall be effectively sealed and seal records maintained, 2) no by-passes are allowed to be constructed around gas meters, 3) a site facility diagram shall be submitted to the Price Field Office within 60 days following construction of the facilities.
- Additional construction that is proposed, or the proposed alteration of existing facilities (including roads, gathering lines, batteries, etc.), which will result in the disturbance of new ground, requires prior approval of the Price Field Office natural resource specialist.
- This well and its associated facilities shall have identifying signs on location in accordance with 43 CFR 3162.6 requirements.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the Price Field Office natural resource specialist.
- The Price Field Office petroleum engineer shall be notified 24 hours in advance of the plugging
  of the well (unless the plugging is to take place immediately upon receipt of oral approval), so
  that a technician may have sufficient time to schedule and witness the plugging operations.
- If operations are to be suspended on a well for more than 30 days, prior approval of the Price Field Office shall be obtained, and notification also given before operations resume.

Page 5 of 8 Date: 11/16/2010

Well: Prickly Pear Unit Federal 7A-21D-12-15

# SURFACE USE CONDITIONS OF APPROVAL

Project Name: BBC Prickly Pear Drilling Program One Multiple Well Location

Operator: Bill Barrett Corporation

**List of Wells:** 

Name	Number	Section	TWP/RNG
Prickly Pear Unit Federal Prickly Pear Unit Federal	7-21D-12-15 7A-21D-12-15 2-21D-12-15 2A-21D-12-15 4A-22D-12-15 5A-22D-12-15 8-21D-12-15 1-21D-12-15	21	12S/15E
Prickly Pear Unit Federal	8A-21D-12-15		

#### I To be followed as Conditions of Approval:

The following attachments from the Record of Decision West Tavaputs Plateau Natural Gas Full Field Development Plan:

Attachment 2	Conditions of Approval and Stipulations
Attachment 3	Green River District Reclamation Guidelines
Attachment 4	Programmatic Agreement
Attachment 5	Special Protection Measures for Wildlife
Attachment 6	Agency Wildlife Mitigation Plan
Attachment 7	Long-Term Monitoring Plan for Water Resources
Attachment 8	Mitigation Compliance and Monitoring Plan

#### Il Site Specific Conditions of Approval

- 1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact the BLM Authorized Officer Don Stephens @ 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
- 2. A Paleontologist permitted by BLM will monitor construction activity during surface disturbing activities described in the APD. If paleontologic resources are uncovered during construction activities, the operator shall immediately suspend all operations that will further disturb such resources, and immediately notify the Authorized Officer (AO). The AO will arrange for a determination of significance and, if necessary, recommend a recovery or avoidance plan. Contact

Page 6 of 8 Date: 11/16/2010

Well: Prickly Pear Unit Federal 7A-21D-12-15

the Price Field Office paleontological lead (Michael Leschin @ 435-636-3619) prior to start of surface disturbing activities.

- 3. The cuttings trench shall be lined.
- 4. Cuttings shall not be removed from the location without prior approval of the Authorized Officer.
- 5. The operator shall follow the attached Upper Colorado River Recovery Program guidance.
- 6. The operator shall on an annual basis report to the BLM the acre feet of water used for the project with a total for each type of source. This report shall contain the information found under monitoring on page 53 of attachment 9 (Biological Opinion) of the WTP ROD and shall be reported to BLM by September 15, of each year.
- 7. When water is pumped directly from Nine Mile Creek or perennial drainages, the following measures shall be applied to reduce or eliminate direct impacts to habitat for the Colorado River fish species. Where directed by the BLM, the operator will construct erosion control devices (e.g., riprap, bales, and heavy vegetation) at culvert outlets. All construction activities shall be performed to retain natural water flows.
- 8. Contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.

#### III Standard Conditions of Approval

#### A. General

1. If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO).

#### **B.** Construction

- 1. Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material.
- 2. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
- 3. The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

Page 7 of 8 Date: 11/16/2010

Well: Prickly Pear Unit Federal 7A-21D-12-15

#### C. Operations/Maintenance

1. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

#### D. Dry Hole/Reclamation

- 1. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice.
- BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
- A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- 4. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

#### E. Producing Well

- 1. An interim reclamation plan shall be submitted to BLM within 90 days of APD approval.
- Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- 3. Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.

#### F. Roads and Pipelines

- 1. Roads constructed on BLM lands shall be constructed to allow for drainage and erosion control. The operator is responsible for maintenance of all roads authorized through the lease or right-of-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft wide graveled travel surface as described in BLM Manual Section 9113, and the BLM Gold Book standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
- 2. The operator may be required to provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
- 3. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

Page 8 of 8 Date: 11/16/2010

Well: Prickly Pear Unit Federal 7A-21D-12-15

#### Upper Colorado River Recovery Program

In addition, the applicant has agreed to have the Upper Colorado River Recovery Program (Recovery Program) serve as a conservation measure within the proposed action. The following paragraphs further clarify the Recovery Program's role.

In determining if sufficient progress has been achieved under the Recovery Program, we consider—a) actions which result in a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction; b) status of fish populations; c) adequacy of flows; and, d) magnitude of the Project impact. In addition, we consider support activities (funding, research, information, and education, etc.) of the Recovery Program if they help achieve a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction. We evaluate progress separately for the Colorado River and Green River Subbasins; however, it gives due consideration to progress throughout the Upper Basin in evaluating progress toward recovery.

Depletion impacts can be offset by--a) the water Project proponent's one-time contribution to the Recovery Program in the amount of \$18.99 per acre-foot of the Project's average annual depletion; b) appropriate legal protection of instream flows pursuant to State law; and, c) accomplishment of activities necessary to recover the endangered fishes as specified under the RIPRAP. We believe it is essential that protection of instream flows proceed expeditiously, before significant additional water depletions occur. As the project's peak annual new depletion of 289.78 acre-feet is below the current sufficient progress threshold of 4,500 acre-feet, Recovery Program activities will serve as the conservation measures to minimize adverse affects to the Colorado pikeminnow, razorback sucker, humpback chub, and bonytail and destruction or adverse modification of critical habitat caused by the project's new depletion.

With respect to (a) above (i.e., depletion charge), the applicant will make a one-time payment which has been calculated by multiplying the Project's peak annual depletion (289.78 acre-feet) by the depletion charge in effect at the time payment is made. For Fiscal Year 2010 (October 1, 2009, to September 30, 2010), the depletion charge is \$18.99 per acre-foot for the average annual depletion which equals a total payment of \$5,502 for this Project. A minimum of 10% of the total payment will be provided to the Service's designated agent, the National Fish and Wildlife Foundation (Foundation), at the time of issuance of the Federal approvals from the BLM, with the rest to be paid when construction commences. Fifty percent of the funds will be used for acquisition of water rights to meet the instream flow needs of the endangered fishes (unless otherwise recommended by the Implementation Committee); the balance will be used to support other recovery activities for the Colorado River endangered fishes. All payments should be made to the National Fish and Wildlife Foundation.

National Fish and Wildlife Foundation 1133 15th Street, NW Suite 1100 Washington, DC 20005

Each payment is to be accompanied by a cover letter that identifies the Project and biological opinion that requires the payment, the amount of payment enclosed, check number, and any special conditions identified in the biological opinion relative to disbursement or use of the funds (there are none in this instance). A copy of the cover letter and of the check is to be sent directly to the Service field office that issued the biological opinion. The cover letter shall identify the name and address of the payor, the name and address of the Federal Agency responsible for authorizing the Project, and the address of the Service office issuing the biological opinion. This information will be used by the Foundation to notify the payor, the lead Federal Agency, and the Service that payment has been received. The Foundation is to send notices of receipt to these entities within 5 working days of its receipt of payment.

# DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Cor	mpany:	BILL BARRETT CORPORATION					
Well Name	•	PRICKLY PE	AR U FED 7	A-21D-12-15			
Api No:	43-007-500	056	_Lease Type_	FEDERAL	<u>,                                      </u>		
Section 21	Township	12S Range	<b>15E</b> Co	ounty CAR	BON		
Drilling Cor	ntractor	TRIPLE A DI	RILLING	RIG #	BUCKET		
SPUDDE	D:						
	Date	01/08/2011					
	Time	12:00 PM					
	How	DRY	<u>.</u>				
Drilling wi	II Commen	ce:					
Reported by		JODY SOU	J <b>TH</b>				
Telephone #							
Date	01/10/2011	Signed	CHD				

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

#### **ENTITY ACTION FORM**

Operator:

**Bill Barrett Corporation** 

Operator Account Number: N 2165

Address:

1099 18th Street, Suite 2300

city Denver

state CO

zip 80202

Phone Number: (303) 312-8115

#### Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4300750057	Prickly Pear Unit Fed	8-21D-12-15	SENE	21	12S	15E	Carbon
Action Code	Current Entity Number	New Entity Number	s	pud Da	te		tity Assignment Effective Date
KB	99999	14194		1/10/201	1	1/	36/2011
Comments: Spudo	ling Operation was con	ducted by Triple A Drill	ing @ 8:	00 am.	·	<del>' '/ '</del>	

WSMVD

BAL : SENE

#### Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4300750055	Prickly Pear Unit Fed	7-21D-12-15	SENE	21	12\$	15E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
X B	99999	14794	1	1/10/201	1	1/2	16/2011
Comments: Spudo		nducted by Triple A Drill BHL SWA		00 pm.	***	1 1/2	

#### Well 3

API Number	Well 1	Vame	QQ	Sec	Twp	Rng	County
4300750056	Prickly Pear Unit Fed	7A-21D-12-15	SENE	21	128	15E	Carbon
Action Code	Current Entity Number	New Entity Number	s	pud Da	te	Ent	ity Assignment ffective Date
KB	99999	14794		1/11/201	1	1/2	36/2011
Comments: Spudo	ling Operation was con	ducted by Triple A Dri		00 am.			_

**ACTION CODES:** 

A - Establish new entity for new well (single well only)

B - Add new well to existing entity (group or unit well)

C - Re-assign well from one existing entity to another existing entity

D - Re-assign well from one existing entity to a new entity

E - Other (Explain in 'comments' section)

**RECEIVED** 

**Brady Riley** 

Name (Please Print)

Signature

Permit Analyst

1/17/2011

Title

Date

JAN 1 8 2011

Carol Daniels - Prickly Pear7A-21D surface

TIAS RISE 5-21 API# 43-007-50056

From:

Jody South

To:

Carol Daniels, Dennis Ingram, Marvin Hendricks, Walton Willis, Walton Willis

Date:

3/23/2011 8:11 AM

Subject: Prickly Pear7A-21D surface

CC:

Brady Riley, Doug Sproul, Tracey Fallang, Troy Schindler

This afternoon Bill Barrett Corp. will use the Pro Petro No. 5 air rig to spud surface on the Prickly Pear Fed 7A-21D-12-15, API# 43-007-50056, then run casing and cement casing at approx. 11:00am tomorrow morning.

Jody South

RECEIVED MAR 2 3 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH		FORM 9				
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73670			
SUNDF	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. Us		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 7A-21D-12-15			
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500560000			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		NE NUMBER: 2-8164 Ext	9. FIELD and POOL or WILDCAT: PRICKLY PEAR			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1721 FNL 0641 FEL QTR/QTR, SECTION, TOWNSHI	IP, RANGE, MERIDIAN:		COUNTY: CARBON STATE:			
Qtr/Qtr: SENE Section: 21	Township: 12.0S Range: 15.0E Meridian: S		UTAH			
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	_ ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
SUBSEQUENT REPORT	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION			
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK			
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION			
	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON			
✓ DRILLING REPORT	☐ TUBING REPAIR		☐ WATER DISPOSAL			
Report Date: 3/1/2011	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  No March monthly activity to report.  Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY  NAME (PLEASE PRINT)  PHONE NUMBER  TITLE						
Brady Riley	303 312-8115	Permit Analyst				
SIGNATURE N/A		<b>DATE</b> 4/5/2011				

Sundry Number: 14849 API Well Number: 43007500560000

			FORM 9
	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR		FORM 9
	<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU 73670		
SUNDF	RY NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deep igged wells, or to drill horizontal laterals		
1. TYPE OF WELL			8. WELL NAME and NUMBER:
Gas Well			PRICKLY PEAR U FED 7A-21D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			<b>9. API NUMBER:</b> 43007500560000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D	Pi Denver, CO, 80202 303	HONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: PRICKLY PEAR
4. LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: CARBON
1721 FNL 0641 FEL QTR/QTR, SECTION, TOWNSHI	P. RANGE, MERIDIAN:		
	Township: 12.0S Range: 15.0E Meridian	: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDIC	ATE NATURE OF NOTICE	, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACT	TION
	ACIDIZE	☐ ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING	CORMATIONS CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	☐ FRACTURE TREAT	□ NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
_	PRODUCTION START OR RESUME	RECLAMATION OF WELL S	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR W	
	TUBING REPAIR  TUBING TUBING TEPAIR	☐ VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT			
Report Date: 4/1/2011	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
., _,,	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:
l .	MPLETED OPERATIONS. Clearly show all p		es, depths, volumes, etc.
INC	April 2011 monthly activity	to report.	
			Accepted by the
			Utah Division of
			Oil, Gas and Mining
			FOR RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBE 303 312-8115	R TITLE Permit Analyst	
SIGNATURE	222 222 0220	DATE	
N/A		5/4/2011	

# TIASRISE S-21 43-009-50056

From:

Naborsm22 <naborsm22@bbccontractors.com>

To:

"walton\_willis@blm.gov" <walton\_willis@blm.gov>, "waltonwillis@yahoo.com...

Date:

5/12/2011 8:41 PM

Subject:

B.O.P. TEST & SPUD

CC:

"randy\_bywater@blm.gov" <randy\_bywater@blm.gov>, "alan\_walker@blm.gov" <...

ON NABORS M22 FOR BILL BARRETT CORP PRICKLY PEAR UNIT FEDERAL 7A-21D-12-15 API#43-007-50056 WE WILL BE TESTING B.O.P. AROUND 22:00 ON 5/13/11 & SPUDDING WELL AROUND 3:00 5/14/11 PLEASE CALL WITH ANY QUESTIONS OR CONCERNS

BILL BARRETT CORP NABORS M22 303-353-5350

# TIASRISE S-21 43-009-50056

From:

Naborsm22 <naborsm22@bbccontractors.com>

To:

"walton\_willis@blm.gov" <walton\_willis@blm.gov>, "waltonwillis@yahoo.com...

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BILL BARRETT CORP NABORS M22 303-353-5350

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To:

"walton\_willis@blm.gov" <walton\_willis@blm.gov>, "waltonwillis@yahoo.com...

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BILL BARRETT CORP NABORS M22 303-353-5350

## TIASRISE S-21 43-009-50056

From:

Naborsm22 <naborsm22@bbccontractors.com>

To:

"walton\_willis@blm.gov" <walton\_willis@blm.gov>, "waltonwillis@yahoo.com...

Date:

5/12/2011 8:41 PM

Subject:

B.O.P. TEST & SPUD

CC:

"randy\_bywater@blm.gov" <randy\_bywater@blm.gov>, "alan\_walker@blm.gov" <...

ON NABORS M22 FOR BILL BARRETT CORP PRICKLY PEAR UNIT FEDERAL 7A-21D-12-15 API#43-007-50056 WE WILL BE TESTING B.O.P. AROUND 22:00 ON 5/13/11 & SPUDDING WELL AROUND 3:00 5/14/11 PLEASE CALL WITH ANY QUESTIONS OR CONCERNS

BILL BARRETT CORP NABORS M22 303-353-5350

## TIASRISE S-21 43-009-50056

From:

Naborsm22 <naborsm22@bbccontractors.com>

To:

"walton\_willis@blm.gov" <walton\_willis@blm.gov>, "waltonwillis@yahoo.com...

Date:

5/12/2011 8:41 PM

Subject:

B.O.P. TEST & SPUD

CC:

"randy\_bywater@blm.gov" <randy\_bywater@blm.gov>, "alan\_walker@blm.gov" <...

ON NABORS M22 FOR BILL BARRETT CORP PRICKLY PEAR UNIT FEDERAL 7A-21D-12-15 API#43-007-50056 WE WILL BE TESTING B.O.P. AROUND 22:00 ON 5/13/11 & SPUDDING WELL AROUND 3:00 5/14/11 PLEASE CALL WITH ANY QUESTIONS OR CONCERNS

BILL BARRETT CORP NABORS M22 303-353-5350 Sundry Number: 15592 API Well Number: 43007500560000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOU	DCES	FORM 9
	DIVISION OF OIL, GAS, AND N		<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU 73670
SUND	RY NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deep ugged wells, or to drill horizontal laterals		7.UNIT OF CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 7A-21D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500560000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , [		HONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: PRICKLY PEAR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1721 FNL 0641 FEL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSH: Qtr/Qtr: SENE Section: 21	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian	n: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDIC	CATE NATURE OF NOTICE, REPORT	, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE ☐ CHANGE TO PREVIOUS PLANS	☐ ALTER CASING ☐ CHANGE TUBING	CASING REPAIR CHANGE WELL NAME
SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS ☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
SPUD REPORT Date of Spud:	OPERATOR CHANGE     PRODUCTION START OR RESUME     REPERFORATE CURRENT FORMATION	☐ PLUG AND ABANDON ☐ RECLAMATION OF WELL SITE ☐ SIDETRACK TO REPAIR WELL	☐ PLUG BACK ☐ RECOMPLETE DIFFERENT FORMATION ☐ TEMPORARY ABANDON
✓ DRILLING REPORT	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
Report Date: 5/31/2011	☐ WILDCAT WELL DETERMINATION	☐ SI TA STATUS EXTENSION ☐ OTHER	OTHER:
	DMPLETED OPERATIONS. Clearly show all Monthly Drilling Activity Rep		volumes, etc.
		FOI	Accepted by the Utah Division of il, Gas and Mining R RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMB</b> I 303 312-8115	Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 6/3/2011	

Sundry Number: 15592 API Well Number: 43007500560000



### Prickly Pear Fed. #7A-21D-12-15 5/14/2011 01:00 - 5/14/2011 06:00

State/Province Field Name Well Status Total Depth (ftKB) Primary Job Type County **Drilling & Completion** 43-007-50056 UT CARBON West Tavaputs 7,652.0

Time Log Summary

PREP TO WALK RIG - 1, WALK RIG TO NEW WELL (PRPRUF 7A-21D) - 1, NIPPLE UP B.O.P. - MOVE FLOWN DOWN CLOSER TO SHAKERS DUE TO RIG WALK & FLOWLINE COMING APART - 1.5, R/U TESTER & TEST B.O.P. CSG @ 1500 PSI FOR 30 MIN - PIPE RAMS, INSIDE KILL, & INSIDE CHOKE ALL @ 300 PSI 5 MIN LOW 3000 PSI 10 MIN HIGH - R/D TESTER - 1.5

#### Prickly Pear Fed. #7A-21D-12-15 5/14/2011 06:00 - 5/15/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50056 CARBON 7,652.0 **Drilling & Completion** West Tavaputs Time Log Summary

R/U FLOWLINE - 1.5, INSTALL WEAR BUSHING - 0.5, P/U MUD MOTOR - M/U BIT - P/U 6" MONELS - LOAD MWD TOOL & ORIENT - 1.5, T.I.H. F/0' T/936' -0.5, CUT 15 WRAPS DRILLING LINE - 1, DRLG CEMENT @ 940' FLOAT @ 980' & SHOE @ 1024' - 1, DRLG F/1042' T/4654' W/ 600 GPM 40 RPM & 28K WT ON BIT - 17.5, RIG SERVICE - 0.5

## Prickly Pear Fed. #7A-21D-12-15 5/15/2011 06:00 - 5/16/2011 06:00

State/Province County Field Name Total Depth (ftKB) Primary Job Type 43-007-50056 UT CARBON West Tavaputs 7,652.0 **Drilling & Completion** 

Time Log Summary

DRLG F/4654' T/5011 - 5. PUMP HIGH VIS SWEEPS - 1. T.O.O.H. - PUMP & REAM OUT F/4200' T/1500' - 8. BREAK BIT- L/D BAD MOTOR - P/U NEW MOTOR - M/U NEW BIT - CHECK MWD TOOL & ORIENT - 2, T.I.H. - 3.5, DRLG F/5011' T/5379' W/ 565 GPM 50 RPM & 21K WT ON BIT - 4, RIG SERVICE -

### Prickly Pear Fed. #7A-21D-12-15 5/16/2011 06:00 - 5/17/2011 06:00

API/UWI Field Name Total Depth (ftKB) Primary Job Type CARBON 43-007-50056 UT West Tavaputs 7.652.0 **Drilling & Completion** Time Log Summary

DRLG F/5379' T/6518' W/ 565 GPM 50 RPM & 24K WT ON BIT - 11.5, RIG SERVICE - 0.5, DRLG F/65718' T/6787' W/ 565 GPM 50 RPM & 21K WT ON BIT -4.5, PUMP HIGH VIS SWEEP - 1, T.O.O.H. - 4, CHANGE BIT CHECK MWD TOOL - 0.5, T.I.H. F/0' T/4000' - 2

## Prickly Pear Fed. #7A-21D-12-15 5/17/2011 06:00 - 5/18/2011 06:00

Well Status API/UWI State/Province County Field Name Total Depth (ftKB) Primary Job Type 43-007-50056 **CARBON** West Tavaputs 7,652.0 **Drilling & Completion** 

Time Log Summary

TRIP FOR BIT #2 - 1.5, DRLG FROM 6787' TO 7615' = TD... - 7.5, CIRC. FOR SHORT TRIP - 1, SHORT TRIP TO 5,000' AND BACK TO BTM... - 2.5, CIRC. OUT SWEEP AND PUMP DRY JOB FOR TRIP OUT FOR LOG'S - 1, TRIP OUT FOR LOGS - 4.5, L/D ALL DIRECTIONAL TOOL'S, MOTOR AND BIT... - 1, RIG UP AND HELD SAFETY MTG WITH HALLIBURTON, RUN WIRELINE LOGS, AND RIG DOWN THE SAME ... - 5

## Prickly Pear Fed. #7A-21D-12-15 5/18/2011 06:00 - 5/18/2011 22:00

API/IIW/I State/Province County Field Name Total Depth (ftKB) Primary Job Type 43-007-50056 UT **CARBON** West Tavaputs 7.652.0 **Drilling & Completion** 

Time Log Summary

RIGGING DOWN LOGGERS - 1, PULL WEAR BUSHING - 0.5, RIG UP, AND RUN 4.5" CASING WITH FRANKS WESTATES, AND RIG DOWN THE SAME, HELD SAFETY MTG'S - 8.5, HELD SAFETY MTG, RIG UP AND PUMP CEMENT FOR 4.5" CASING AND WELL AND RIG DOWN THE SAME PUMPED 40 BBL'S OF SUPERFLUSH

PUMPED 520 SK'S OF LEAD CMT @ 171 BBL'S

PUMPED 1110 SK'S OF TAIL CMT @ 289 BBL'S

PUMPED 177.5 BBL'S OF CLAY FIX WATER DISPLACEMENT - 4, NIPPLE DOWN THE STACK FOR SLIPS - 1, SET 4.5" CASING SLIPS WITH CAMERON AT 125K - 1

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Sundry Number: 16318 API Well Number: 43007500560000

				FORM 9
	STATE OF UTAH			FORM 9
			5	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73670
SUNDF	RY NOTICES AND REPORT	rs on	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
bottom-hole depth, reenter plu	igged wells, or to drill horizontal laterals			7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL				8. WELL NAME and NUMBER:
Gas Well				PRICKLY PEAR U FED 7A-21D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP				<b>9. API NUMBER:</b> 43007500560000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D	Penver, CO, 80202 303			9. FIELD and POOL or WILDCAT: PRICKLY PEAR
4. LOCATION OF WELL FOOTAGES AT SURFACE:				COUNTY: CARBON
	IP, RANGE, MERIDIAN:			STATE:
Qtr/Qtr: SENE Section: 21	Township: 12.0S Range: 15.0E Meridiar	n: S		UTAH
11. CHE	CK APPROPRIATE BOXES TO INDIC	CATE NA	ATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	☐ ACIDIZE		ALTER CASING	CASING REPAIR
□ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS		CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	_		COMMINGLE PRODUCING FORMATIONS	
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL Gas Well  2. NAME OF OPERATOR: PRIOR PERMIT CORP  3. ADDRESS OF OPERATOR: PHONE NUMBER: 43007500560000  3. ADDRESS OF OPERATOR: PHONE NUMBER: PRICKLY PEAR U FED 7A-21D-12-15  4. LOCATION OF WELL FOOTAGES AT SURFACE: 1721 FNL 0641 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 21 Township: 12.0S Range: 15.0E Meridian: S  11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    ACIDIZE				
Date of Work Completion:		_		
		_		
	REPERFORATE CURRENT FORMATION	∐ s	SIDETRACK TO REPAIR WELL	L TEMPORARY ABANDON
,	☐ TUBING REPAIR		VENT OR FLARE	WATER DISPOSAL
Report Date:	☐ WATER SHUTOFF	☐ s	SI TA STATUS EXTENSION	APD EXTENSION
6/30/2011	☐ WILDCAT WELL DETERMINATION		OTHER	OTHER:
		•		volumes, etc.
June 20	11 Monthly Drilling Activity	Repor	t attached.	
			1	Accepted by the
				-
			1 01	NECOND ONLI
NAME (DI TAGE DOTTE)	<b></b>	ED.		
		ER		
IN/A			//1/2011	

Sundry Number: 16318 API Well Number: 43007500560000



## Prickly Pear Fed. #7A-21D-12-15 6/7/2011 06:00 - 6/8/2011 06:00

Total Depth (ftKB) Primary Job Type State/Province Field Name Well Status County CARBON 43-007-50056 UT West Tavaputs 7,652.0 **Drilling & Completion** 

Time Log Summary

Camron cut off set tubig head & tree. pressure test packing to 5 K. - 0, SI. - 24

Prickly Pear Fed. #7A-21D-12-15 6/11/2011 06:00 -6/12/2011 06:00

API/UWI Well Status Total Depth (ftKB) Primary Job Type State/Province County Field Name 43-007-50056 CARBON West Tavaputs 7,652.0 **Drilling & Completion** 

Time Log Summary

SI. - 13, MIRU Weatherford Wire line. - 3, Pull tree off well. PU run gauge ring junkbasket. to PBTD @ 7497 POOH lay down gauge ring. PU Cement bond log tool. Run CBL holding 1000 psi on casing. logged from 7496 to surface holding 1000 psi on casing to log.logging at 85 FPM. (60 ft. fill on FC.) - 5, SI. - 3

Prickly Pear Fed. #7A-21D-12-15 6/14/2011 06:00 - 6/13/2011 06:00

State/Province Field Name Total Depth (ftKB) Primary Job Type County 43-007-50056 CARBON UT West Tavaputs 7,652.0 **Drilling & Completion** 

Time Log Summary

SI. - 14, MI Camron /Wood group. Cathedral flow equipment. Hes set sand masters. - 1, ND tree/ NU Camron frac mandral/ Wood Group 10K frac tree. Work on sand traps. set Cathedral flow equip. load Water & CO2 vessels. - 3, SI. - 6

www.peloton.com Page 1/1 Report Printed: 7/1/2011

SUNDRY NOTICES AND REPORTS ON WELLS  DO NOT use this form for proposals to drill now wells, significantly deepen existing wells below current.  DRILL form for such proposals.  1. TYPE OF WELL  Cas		STATE OF UTAH		FORM 9
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hold depth, receiter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMITTO PRICELY PEAR PRICELY PEAR PRICELY PEAR PRICES Well PRODUCTION PEAR PRICELY PEAR PRICELY PEAR PRICELY PEAR PRICE PR		DEPARTMENT OF NATURAL RESOURCE		
DOUGH, receive plugged wells, or to drill horizontal interesis. Use APPLICATION FOR PERMITT TO  PUBLIC from for such proposals.  1. TYPE OF WELL  Sas Well  9. API NUMBER: 430073003500000  3. ADDESS OF OPERATORS. BULL BARRETT CORP  9. API NUMBER: 430073003500000  9. ALDOSES OF OPERATORS. BULL BARRETT CORP  9. API NUMBER: 430073003500000  9. ALDOSES OF OPERATORS. COUNTY; CARRON  9. API NUMBER: 430073003500000  9. ALDOSES OF OPERATORS. COUNTY; CARRON  9. API NUMBER: 430073003500000  9. ALDOSES OF OPERATORS. COUNTY; CARRON  9. API NUMBER: 430073003500000  9. ALDOSES OF OPERATORS. COUNTY; CARRON  9. API NUMBER: COUNTY	SUNDI	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Cas. Well  2. NAME OF DERACTOR: 2. NAME OF DERACTOR: 3. ADDRESS OF OPERATOR: 4. DOCATION OF WELL 1009 SIRIS STREET SEZ 300 , Deriver, CO, 80202 303 312-8164 Ext  2. OUNTY: CARBON  CARDON  STATE: UTAH  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  ACTORIZE  CARAGE TO PREVIOUS PLANS  CHARGE TUBBIG  CHARGE TUBBIG  CHARGE TUBBIG  CHARGE TUBBIG  CHARGE TUBBIG  CHARGE TUBBIG  CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  TYPE OF ACTION  ACTORIZE  CHARGE TUBBIG  CHARGE TU	bottom-hole depth, reenter pla	ugged wells, or to drill horizontal laterals. U		
3. ADDRESS OF OPERATOR: PHONE NUMBER: 9, FIELD and POOL or WILDCAT: PROCECUTE PEAR PROCESS OF OPERATOR OF WELL STEED OPERATOR OPERATOR OPERATOR OF WELL STEED OPERATOR OPERATOR O				
ALDCATION OF WELL   PRICKLY PEAR				
TYPE OF SUBMISSION  TYPE OF SUBMISSION  ACIDIZE  CHARGE WELL STATUS  OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION  TYPE OF SUBMISSION  TYPE OF ACTION  TO CHANGE WELL NAME  CASING REPAIR  NEW CONSTRUCTION  NEW CONSTRUCTION  NEW CONSTRUCTION  NEW CONSTRUCTION  THE REPORT NEW CONSTRUCTION  THE R				
11.  CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    ACIDIZE	FOOTAGES AT SURFACE:			
TYPE OF SUBMISSION  TYPE OF ACTION    NOTICE OF INTENT			5	
ACIDIZE   ALTER CASING   CASING REPAIR   CHANGE TURING   CHANGE WELL NAME   CHANGE TURING   CHANGE WELL NAME   CHANGE TURING   CHANGE WELL NAME   CHANGE WELL STATUS   COMMINCLE PRODUCTING FORMATIONS   CONVERT WELL TYPE      SUBSQUENT REPORT   DEEPEN   PRACTURE TREAT   NEW CONSTRUCTION   PLUG BACK   PRODUCTION START OR RESUME   RECLAMATION OF WELL SITE   RECOMPLETE DIFFERENT FORMATION   DIGITRACK TO REPAIR WELL   THE MORARY ABANDON   PROPORTION   PROPORTIO	11. CHE	CK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA
NOTICE OF INTENT   Approximate date work will start:   CHANGE YOURS   CHANGE YOURS   CHANGE YOURNE     SUBSQUENT REPORT   Date of Work Completion:   7/11/2011   OPERATOR CHANGE   PLUG AND ABANDON   PLUG BACK     SPUD REPORT   OPERATOR CHANGE   PLUG AND ABANDON   PLUG BACK     SPUD REPORT   OPERATOR CHANGE   PLUG AND ABANDON   PLUG BACK     SPUD REPORT   OPERATOR CHANGE   PLUG AND ABANDON   PLUG BACK     SPUD REPORT   OPERATOR CHANGE   PLUG AND ABANDON   PLUG BACK     DRILLING REPORT   OPERATOR CHANGE   VENT OR FLARE   OPERATOR DIFFERENT FORMATION     DRILLING REPORT   OPERATOR CHANGE   STATATUS EXTENSION   APO EXTENSION     DRILLING REPORT   OTHER   OTHER     DRILLING REPORT   OTHER   OTHER     DRILLING REPORT   OTHER   OTHER     DRILLING REPORT	TYPE OF SUBMISSION		TYPE OF ACTION	
Approximate date work will start:    Subsquent report   Date of Work Completion: 7/11/2011   OPERATOR CHANGE   PLUG AND ABANDON   PLUG BACK		☐ ACIDIZE	ALTER CASING	CASING REPAIR
CHANGE WELL STATUS   COMMINGLE PRODUCING FORMATIONS   CONVERT WELL TYPE		☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
Date of Work Completion: 7/11/2011   OPERATOR CHANGE   PLUG AND ABANDON   PLUG BACK		☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SPUD REPORT   PRODUCTION START OR RESUME   RECLANATION OF WELL SITE   RECOMPLETE DIFFERENT FORMATION	Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Spud:    Reperforante current formation   SIDETRACK TO REPAIR WELL   TEMPORARY ABANDON     TUBING REPORT   WATER SHUTOFF   SI TA STATUS EXTENSION   APD EXTENSION     WILDCAT WELL DETERMINATION   OTHER   OTHER:     This sundry is to report that this well had first sales on 7/11/2011    Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY    NAME (PLEASE PRINT)   PHONE NUMBER   TITLE     Brady Riley   303 312-8115   PHONE NUMBER   Permit Analyst     SIGNATURE   DATE	7/11/2011	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	PLUG BACK
DRILLING REPORT   TUBING REPAIR   VENT OR FLARE   WATER DISPOSAL   MAD EXTENSION   APD EXTENSION   APD EXTENSION   MILDCAT WELL DETERMINATION   OTHER   MILDC	SPUD REPORT	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
DRILLING REPORT Report Date:    WATER SHUTOFF	Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
NAME (PLEASE PRINT)  PHONE NUMBER  NAME (PLEASE PRINT)  BY AFFERNMENT AND APPENTENSION  OTHER  OTHER:		☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  This sundry is to report that this well had first sales on 7/11/2011  Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY  NAME (PLEASE PRINT) Brady Riley  303 312-8115  PHONE NUMBER Permit Analyst  SIGNATURE  DATE		☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION
This sundry is to report that this well had first sales on 7/11/2011  Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY  NAME (PLEASE PRINT) Brady Riley  303 312-8115  PHONE NUMBER Permit Analyst  SIGNATURE  DATE		☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
Brady Riley 303 312-8115 Permit Analyst  SIGNATURE DATE	I .		st sales on 7/11/2011  A Oi	Accepted by the Utah Division of I, Gas and Mining
SIGNATURE DATE				

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73670
SUNDI	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	osals to drill new wells, significantly deepen ougs ougged wells, or to drill horizontal laterals. Us ougs.		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 7A-21D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500560000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , I		<b>IE NUMBER:</b> 2-8164 Ext	9. FIELD and POOL or WILDCAT: PRICKLY PEAR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1721 FNL 0641 FEL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSH	IP, RANGE, MERIDIAN: Township: 12.0S Range: 15.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	ALTER CASING	☐ CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
✓ SUBSEQUENT REPORT	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
Date of Work Completion: 7/25/2011	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ PRODUCTION START OR RESUME	PLUG AND ABANDON	L PLUG BACK
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME ☐ REPERFORATE CURRENT FORMATION	☐ RECLAMATION OF WELL SITE ☐ SIDETRACK TO REPAIR WELL	☐ RECOMPLETE DIFFERENT FORMATION ☐ TEMPORARY ABANDON
	TUBING REPAIR	☐ VENT OR FLARE	WATER DISPOSAL
☐ DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
Report Date:		✓ OTHER	
			OTHER: production facilities
This sundry is being and verbally approve	SUBMITTED OPERATIONS. Clearly show all perticular submitted to further clarify tested by the BLM as well as final efforts are S2NE 21 pad. See attached	eting procedures discussed equipment installations for for details and map. Cil	d ·
Brady Riley	303 312-8115	Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 7/26/2011	

## **General Well Testing**

Initial testing of wells would occur within 15 days of first sales and would be a 1-3 day test to get a baseline for allocation. After the initial test is performed, testing would occur within 90 days thereafter, testing each well for approximately 3 days and rotating through the wells without any downtime between tests.

As both Prickly Pear and Peter's Point have participating areas (PA) and wells drilled from each pad could include both PA and non-PA wells, specific procedures are implemented for these situations. PA and non-PA will always be measured separately and production would not be combined together within the same tanks. All wells drilled are within units. These procedures are as follows:

- 1) Isolate the PA test tank(s);
- 2) Transfer any remaining liquids from the test tank(s) to the PA production tank(s);
- 3) Strap the starting fluid levels in the test tank(s);
- 4) Note date and time of beginning test, document and record in eVIN;
- 5) Flow test well into test tank(s) for pre-determined period, not to be less than a 24 hour period;
- 6) Isolate the test tank(s), divert the test well's production to the in PA production tank(s);
- 7) Strap the ending fluid levels in the test tank(s);
- 8) Record and document the length of test time, amount of oil produced, amount of water produced and amount of gas produced (through wellhead meter) for the test period into eVIN;
- 9) Procedures for non-PA would be same steps as 1-8.

Details specific to the Prickly Pear S2NE 21 pad are as follows:

Well Name			Lease		
Prickly Pear Unit Fed	АРІ	Drill Phase <sup>1</sup>	UTU-	PA Boundary	Facilities (S2NE 21 pad)
5A-22D-12-15	4300750054	1	11604	ln	
4A-22D-12-15	4300750053	1	11604	In	
1-21D-12-15	4300750050	1	73670	In	4) All coolings are also and also within the DA
8A-21D-12-15	4300750058	1	73670	In	1) All wells proposed on this pad are within the PA; 2) Liquids trucked to a central tank battery (CTB) on
2A-21D-12-15	4300750052	1	73670	In	the existing Prickly Pear 3-22 pad/CTB location.  3) One 12" inch buried gas line to the main tie-in was
2-21D-12-15	4300750051	1	73670	In	laid (adjacent to the existing line). 4) Up to five low-profile 300 bbl tank may be located on the pad and up to 13 625-bbl and 400-bbl tanks
7A-21D-12-15	4300750056	1	73670	In	would be located on the CTB.
7-21D-12-15	4300750055	1	73670	In	
8-21D-12-15	4300750057	1	73670	In	
5A-22D-12-15	4300750054	1	11604	In	

<sup>&</sup>lt;sup>2</sup>Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

## Details specific to the Prickly Pear NW 17 pad are as follows:

Well Name Prickly Pear Unit Fed	API	Drill Phase <sup>1</sup>	<b>Lease</b> UTU-	PA Boundary	Facilities (NW 17 pad)
Trickly real officered		Tiluse		Doundary .	Tuelines (1444 17 pau)
7A-17D-12-15	4300750086	1	73006	ln	
6A-17D-12-15	4300750085	1	73668	ln	
6-17D-12-15	4300750084	1	73668	ln	1) All wells proposed on this pad are within the PA; 2) Liquids will be piped into a CTB on the SE 8 CTB, SE 7
3-17D-12-15	4300750079	1	73668	In	CTB and Then piped on to the existing Prickly Pear 4-18 pad/CTB location. Three buried liquids lines were laid from the pad to the 4-18 CTB (1-2" test line; 1-2" out of
3A-17D-12-15	4300750080	1	73668	In	PA line; 1-6" in PA line). PA liquids from this pad would be combined with PA production from the existing 4-18
12A-17D-12-15	4300750087	1	73668	In	pad wells and other future pad production and same process for non-PA liquids (combined separately from
5A-17D-12-15	4300750083	1	73668	ln	PA wells).  3) One 12 inch buried gas line to the main tie-in was
4-17D-12-15	4300750081	1	73668	ln	laid. 4) Up to ten 625-bbl and four 400-bbl tanks would be
4A-17D-12-15	4300750082	1	73668	ln	located on the 4-18 CTB. One 300 bbl low profile tank would be located on the SE 8 CTB. Up to ten 300 bbl
7A-18D-12-15	4300750136	1	73668	ln	low profile tanks on the SE 7 CTB. One low-profile 300 bbl tank would be located on the well pad.
8A-18D-12-15	4300750137	1	73668	ln	
9A-18D-12-15	4300750138	1	73668	ln	

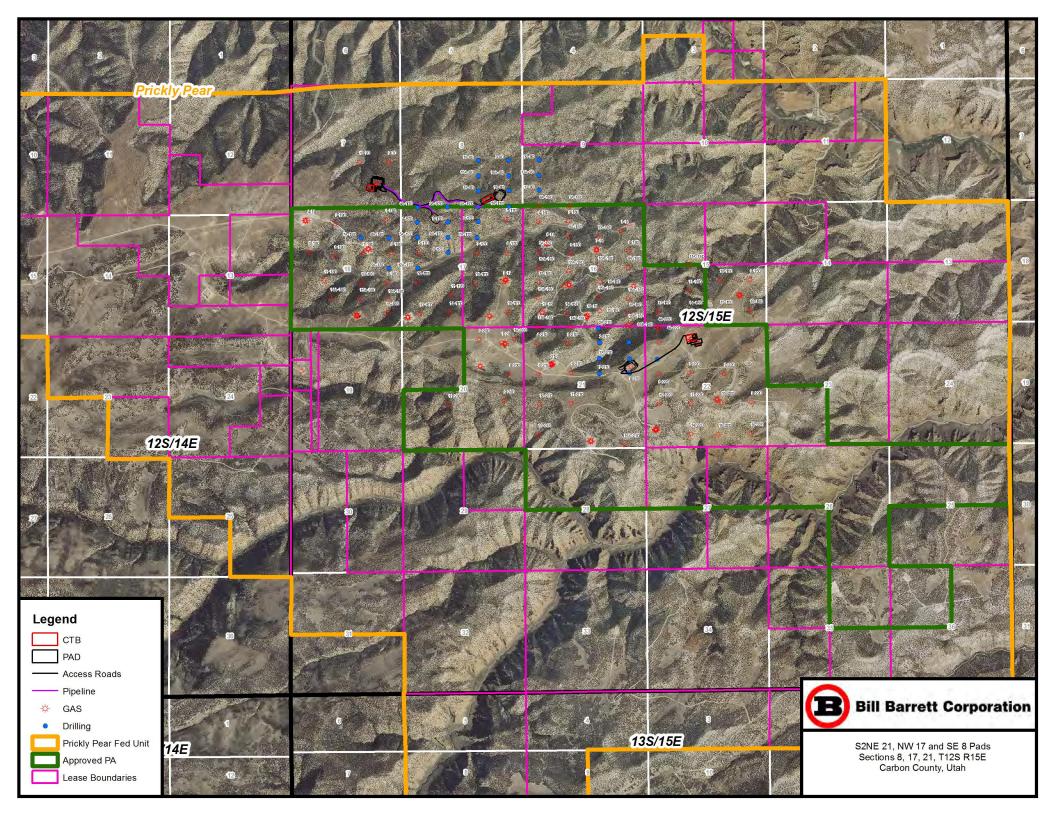
<sup>&</sup>lt;sup>2</sup>Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

Details specific to the Prickly Pear SE 8 pad are as follows:

Well Name			Lease		
Prickly Pear Unit Fed	API	Drill Phase <sup>1</sup>	UTU-	PA Boundary	Facilities (SE 8 pad)
2-17D-12-15	4300750061	1	73006	Out	
2A-17D-12-15	4300750147	1	73006	Out	1) Wells proposed on this pad are a combination of PA
1A-17D-12-15	4300750062	1	73006	Out	and non-PA wells;  2) Liquids will be piped into a CTB on this pad and
15-8D-12-15	4300750060	1	73006	In	then piped on to the existing SE 7 then on to the Prickly Pear 4-18 pad/CTB location. Two buried liquids
15A-8D-12-15	4300750141	1	73006	In	lines were laid from the pad to the 4-18 CTB, one 6 inch In-PA and one 2 inch non-PA. PA liquids from this
16-8D-12-15	4300750059	1	73006	In	pad would be combined with PA production from the existing 4-18 pad wells and other future pad
16A-8D-12-15	4300750140	1	73006	ln	production and same process for non-PA liquids (combined separately from PA wells).
10-8D-12-15	4300750145	1	73006	In	3) One 12 inch buried gas line to the main tie-in was laid.
9-8D-12-15	4300750146	1	73006	In	4) Up to ten 625-bbl and four 400-bbl tanks would be located on the 4-18 CTB. One 300 bbl low profile tank
12-9D-12-15	4300750144	1	73006	In	would be located on this pad CTB with up to ten 300 bbl low profile tanks on the SE 7 CTB.
13A-9D-12-15	4300750142	1	73006	In	
13-9D-12-15	4300750143	1	73006	In	

<sup>&</sup>lt;sup>2</sup>Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

For any questions you may have, please contact me at 303-312-8115.



	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73670
SUND	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. \t		7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PRICKLY PEAR U FED 7A-21D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500560000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D		NE NUMBER: 12-8164 Ext	9. FIELD and POOL or WILDCAT: PRICKLY PEAR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1721 FNL 0641 FEL QTR/QTR, SECTION, TOWNSH	IP, RANGE, MERIDIAN:		COUNTY: CARBON STATE:
Qtr/Qtr: SENE Section: 21	Township: 12.0S Range: 15.0E Meridian: 9	S	UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	☐ ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Space.	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
✓ DRILLING REPORT	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
Report Date: 7/1/2011	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
7/1/2011	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	ompleted operations. Clearly show all per 11 Monthly Drilling Activity Re	eport attached.	Accepted by the Utah Division of
			I, Gas and Mining
		FOR	R RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	<b>TITLE</b> Permit Analyst	
SIGNATURE	222 222	DATE	
N/A		8/4/2011	



### Prickly Pear Fed. #7A-21D-12-15 7/2/2011 06:00 - 7/3/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50056 UT CARBON West Tavaputs 7,652.0 Drilling & Completion

Time Log Summary

WSI safey meeting - 4, Cutters EL stage 1 Price River. PU 10 ft. perf guns. RIH correlate to short jt. run to perf depth tag fill at7752 ft. ft. from first interval could not shoot. PU Perforate at 7490-7492, 7467-7469, 7428-7430, 7383-7385, 7370-7372, 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn over to frac - 1, HES frac stage 1 Price River 70 Q foam frac.Load & Break @ 4219 PSI @ 5.1 BPM. Avg. Wellhead Rate: 29.5 BPM. Avg.Slurry Rate: 12.4 BPM. Avg. CO2 Rate: 15.4 BPM. Avg. Pressure: 5439 PSI. Max. Wellhead Rate: 30.4 BPM. Max. Slurry Rate: 14.6 BPM. Max CO2 Rate: 17.3 BPM. Max PSI 5623 Total Fluid Pumped: 18,116 gal. Total Sand in Formation: 80,200 lb.(20/40 White) Linde CO2 Down hole: 116 on. CO2 Cooldown: 4 ton. ISIP: 3,205 PSI. Frac Gradient: 0.87 psi/ft. dumped 10 gel into blender tub to increase viscosity in flush. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. upped pump rates in flush - 0.75, WSI wait on CO2 - 18.25

#### Prickly Pear Fed. #7A-21D-12-15 7/3/2011 06:00 - 7/4/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50056 UT CARBON West Tavaputs Total Depth (ftKB) Primary Job Type 7,652.0 Drilling & Completion

Time Log Summary

Safety meeting - 0.5, Cutters EL stage 2 Price River PU 10 ft. perf guns with rental Baker setting tool HES CFP. RIH.correlate to short jt. run to setting depth set CFP @ 7310 ft. . Perfotrate @ 7265-7267, 7247-7247, 7220-7222, 7184-7186,7165-7167, 7144-7146, 3 SPF. 120 phasing, 23 gram charge. .350 holes. POOH turn well ove to frac. - 1, HES frac stage 2 Price River 70 Q foam frac.Load & Break @ 3922 PSI @ 14.7 BPM. Avg. Wellhead Rate: 39.2 BPM. Avg. Slurry Rate: 16.5 BPM. Avg. CO2 Rate: 20.6 BPM. Avg. Pressure: 5809 PSI. Max. Wellhead Rate: 40.4 BPM. Max. Slurry Rate: 20 BPM. Max CO2 Rate: 23.2 BPM. Max PSI 6188 Total Fluid Pumped: 39,322 gal. Total Sand in Formation: 208,700 lb.(20/40 White) Linde CO2 Down hole: 276 on. CO2 Cooldown: 4 ton. ISIP: 3,017 PSI. Frac Gradient: 0.86 psi/ft. dumped 10 gel into blender tub to increase viscosity in flush. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. upped pump rates in flush - 1.5, Cutters EL stage 3 Price River PU 10 ft. perf guns with rental Baker setting tool HES CFP. RIH.correlate to short jt. run to setting depth set CFP @ 7120 ft. . Perfotrate @ 7095-7097, 7077-7079, 7038-7040, 7029-7031, 3 SPF. 120 phasing, 23 gram charge. .350 holes. POOH turn well ove to frac. - 1, HES frac stage 3 Price River 70 Q foam frac.Load & Break @ 4699 PSI @ 14.8 BPM. Avg. Wellhead Rate: 34.1 BPM. Avg. Slurry Rate: 14.5 BPM. Avg. CO2 Rate: 17.9 BPM. Avg. Pressure: 5917 PSI. Max. Wellhead Rate: 36.3BPM. Max. Slurry Rate: 17.4 BPM. Max CO2 Rate: 21.3 BPM. Max PSI 6240 Total Fluid Pumped: 18,589 gal. Total Sand in Formation: 82,500 lb.(20/40 White) Linde CO2 Down hole: 129 ton. CO2 Cooldown: 5 ton. ISIP: 2,982 PSI. Frac Gradient: 0.86 psi/ft. dumped 10 gel into blender tub to increase viscosity in flush. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. upped pump rates in flush

Cut Co2 off early due to erratic rates - 0.75, Cutters EL stage 4 Price River PU 10 ft. perf guns with rental Baker setting tool HES CFP. RIH.correlate to short jt. run to setting depth set CFP @ 7000 ft. . Perfotrate @ 6968-6970, 6945-6947, 6918-6920,6910-6912, 6900-6902 3 SPF. 120 phasing, 23 gram charge . .350 holes. POOH turn well ove to frac. - 1, HES frac stage 4 Dark Canyon 70 Q foam frac.Load & Break @ 6239 PSI @ 14.7 BPM. Avg. Wellhead Rate: 30.5 BPM. Avg. Slurry Rate: 11.5 BPM. Avg. CO2 Rate: 17.5 BPM. Avg. Pressure: 7480 PSI. Max. Wellhead Rate: 33.7 BPM. Max. Slurry Rate: 13.4 BPM. Max CO2 Rate: 20.2 BPM. Max PSI 8212 Total Fluid Pumped: 16,320 gal. Total Sand in Formation: 21,00 lb.(20/40 White) Linde CO2 Down hole: 83 ton. CO2 Cooldown: 3 ton. ISIP: 5,061 PSI. Frac Gradient: 1.17 psi/ft.

Vis started out @ 20 cp at end of 2 # sand vis went to 5 cp off the blender and 7 on th gel pro, started to screen out when low vis. hit the formation, flushed well with fluid tried to get vis up but could not get back into zone due to high psi. Found rubber and fiber in hose that shut off the flow of gel to gel pro. - 1.25, Cutters EL stage 5 Dark Canyon PU 12 ft. perf guns with rental Baker setting tool HES CFP. RIH.correlate to short jt. run to setting depth set CFP @ 6880 ft. . Perfotrate @ 6862-6864, 6849-6851, 6819-6821, 6808-6810, 6796-6798, 6782-6784 3 SPF. 120 phasing, 23 gram charge. .350 holes. POOH turn well ove to frac. - 1, HES frac stage 5 Dark Canyon 70 Q foam frac.Load & Break @ 6499 PSI @ 14.8 BPM. Avg. Wellhead Rate : 38.9 BPM. Avg.Slurry Rate: 16.55 BPM. Avg. CO2 Rate: 20.4 BPM. Avg. Pressure: 6624 PSI. Max. Wellhead Rate: 42.5 BPM. Max. Slurry Rate: 19.3 BPM. Max CO2 Rate: 24.2 BPM. Max PSI 6976 Total Fluid Pumped: 25,552 gal. Total Sand in Formation: 122,400 lb.(20/40 White) Praxair CO2 Down hole: 175 ton. CO2 Cooldown: 6 ton. ISIP: 3,093 PSI. Frac Gradient: 0.89 psi/ft. dumped 10 gel into blender tub to increase viscosity in flush. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. upped pump rates in flush

Rate on Co2 erratic due to Praxair co2 booster. - 0.75, SD until Tuesday to catch up on Co2 volumes. WSI well secure - 15.25

## Prickly Pear Fed. #7A-21D-12-15 7/4/2011 06:00 - 7/5/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-50056 UT CARBON West Tavaputs 7,652.0 Drilling & Completion

Time Log Summary

Safety meeting - 0.5, Load CO2 and water thanks - 6, Well secure - 17.5



### Prickly Pear Fed. #7A-21D-12-15 7/5/2011 06:00 - 7/6/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-50056 UT CARBON West Tavaputs Total Depth (ftKB) Primary Job Type
7,652.0 Drilling & Completion

Time Log Summary

Safety meeting - 0.5, Cutters EL stage 6 North Horn PU 10 ft. perf guns with rental Baker setting tool HES CFP. RIH.correlate to short jt. run to setting depth set CFP @ 6770ft. . Perfotrate @ 6742-6744, 6727-6727, 6707-6709, 6699-6701, 6654-6656, 3 SPF. 120 phasing, 23 gram charge. .350 holes. POOH turn well ove to frac. - 1, HES frac stage 6 North Horn 60 Q foam frac.Load & Break @ 4759 PSI @ 14.8 BPM. Avg. Wellhead Rate : 39.3 BPM. Avg.Slurry Rate: 20.5 BPM. Avg. CO2 Rate: 16.8 BPM. Avg. Pressure: 6527 PSI. Max. Wellhead Rate: 40.4 BPM. Max. Slurry Rate: 22.2 BPM. Max. CO2 Rate: 23.9 BPM. Max. PSI 7223 Total Fluid Pumped: 26,711 gal. Total Sand in Formation: 102,300 lb.(20/40 White) Linde CO2 Down hole: 122 ton. CO2 Cooldown: 10 ton. ISIP: 3,509 PSI. Frac Gradient: 0.96 psi/ft. dumped 10 gel into blender tub to increase viscosity in flush. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. upped pump rates in flush - 0.75, Cutters EL stage 7 North Horn PU 10 ft. perf guns with rental Baker setting tool HES CFP. RIH.correlate to short iturn well ove to frac. -1, HES frac stage 7 North Horn 60 Q foam frac.Load & Break @ 3968 PSI @ 14.6 BPM. Avg. Wellhead Rate: 24.6 BPM. Avg. Slurry Rate: 12.8 BPM. Avg. CO2 Rate: 10.4 BPM. Avg. Pressure: 4967 PSI. Max. Wellhead Rate: 27.3 BPM. Max. Slurry Rate: 13.9 BPM. Max. CO2 Rate: 13.4 BPM. Max PSI 5266 Total Fluid Pumped: 17,194 gal. Total Sand in Formation: 56,100 lb.(20/40 White) Praxair CO2 Down hole: 72 ton. CO2 Cooldown: 7 ton. ISIP: 3,707 PSI. Frac Gradient: 1.02 psi/ft. dumped 10 gel into blender tub to increase viscosity in flush. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. upped pump rates in flush - 0.75, Cutters EL stage 8 North Horn PU 12 ft. perf guns with rental Baker setting tool HES CFP. RIH.correlate to short jt. run to setting depth set CFP @ 6170 ft. Perfotrate @6134-6136,6086-6088, 6019-6021, pull up to shoot 4th set of perfs, got stuck tried to work free but had no success,

## Prickly Pear Fed. #7A-21D-12-15 7/6/2011 06:00 - 7/7/2011 06:00

API//UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50056 UT CARBON West Tavaputs Total Depth (ftKB) Primary Job Type Drilling & Completion

Time Log Summary

WSIL - 10, MIRU Rocky Mountain wireline unit - 0.5, MU overshot RIH, latch on to fish jar loose POOH - 2, Lay down tools RDMO - 1

### Prickly Pear Fed. #7A-21D-12-15 7/7/2011 06:00 - 7/8/2011 06:00

API/UWI State/Province UT County Field Name Well Status Total Depth (ftKB) Primary Job Type CARBON West Tavaputs Total Depth (ftKB) Primary Job Type Drilling & Completion

Time Log Summary

WSI wait to perf and frac - 6, Safety meeting - 0.5, Cutters EL stage 8 North Horn PU 6ft. perf guns. RIH.correlate to short jt. run to perforating depth finish Perfotrating @ 5995-5997, 5975-5977, 5965-5967 3 SPF. 120 phasing, 23 gram charge. .350 holes. POOH turn well ove to frac. - 1.5, Wait on HES to repair computor on Blender Had to get another computor or blender in AM. SDFN - 2.5

## Prickly Pear Fed. #7A-21D-12-15 7/8/2011 06:00 - 7/9/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-50056 UT CARBON West Tavaputs Total Depth (ftKB) Primary Job Type
Drilling & Completion

Time Log Summary

Safety meeting - 0.5, HES frac stage 8 North Horn 60 Q foam frac.Load & Break @ 6017 PSI @ 14.4 BPM. Avg. Wellhead Rate: 39.6 BPM. Avg.Slurry Rate: 20.5 BPM. Avg. CO2 Rate: 16.8 BPM. Avg. Pressure: 6236 PSI. Max. Wellhead Rate: 40.7 BPM. Max. Slurry Rate: 22.3 BPM. Max. CO2 Rate: 19.4 BPM. Max. PSI 6862 Total Fluid Pumped: 39.109 gal. Total Sand in Formation: 164,200 lb.(20/40 White) Praxair CO2 Down hole: 193 ton. CO2 Cooldown: 7 ton. ISIP: 3,870 PSI. Frac Gradient: 1.08 psi/ft. dumped 10 gel into blender tub to increase viscosity in flush. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. upped pump rates in flush

Had issues w/ pressure transducer on 2# went of truck pressures - 1, Cutters EL stage 9 North Horn PU 10 ft. perf guns with rental Baker setting tool HES CFP. RIH.correlate to short jt. run to setting depth set CFP @ 5570 ft. Perfotrate @ 5536-5538, 5446-5448, 5433-5435, 5338-5340, 5324-5326, 3 SPF. 120 phasing, 23 gram charge. .350 holes. POOH turn well ove to frac. - 1.25, HES frac stage 9 North Horn 60 Q foam frac.Load & Break @ 4661 PSI @ 14.9 BPM. Avg. Wellhead Rate: 34.6 BPM. Avg. Slurry Rate: 17.9 BPM. Avg. CO2 Rate: 14.6 BPM. Avg. Pressure: 4972 PSI. Max. Wellhead Rate: 35.5 BPM. Max. Slurry Rate: 19.5 BPM. Max CO2 Rate: 17.7 BPM. Max PSI 6261 Total Fluid Pumped: 24,657 gal. Total Sand in Formation: 94,200 lb.(20/40 White) Praxair CO2 Down hole: 117 ton. CO2 Cooldown: 7 ton. ISIP: 2,981 PSI. Frac Gradient: 0.99 psi/ft. dumped 10 gel into blender tub to increase viscosity in flush. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. upped pump rates in flush.

Had issues with vicosity during the 1&2 lb but got in line the rest of the frac. - 0.75, Cutters EL stage 10 North Horn PU 10 ft. perf guns with rental Baker setting tool HES CFP. RIH.correlate to short jt. run to setting depth set CFP @ 5170 ft. Perfotrate @ 5133-5135, 5114-5116, 5077-5079, 5031-5033, 4895-4897, 3 SPF. 120 phasing, 23 gram charge. .350 holes. POOH turn well ove to frac. - 1.25, HES frac stage 10 North Horn 60 Q foam frac.Load & Break @ 5734 PSI @ 14.5 BPM. Avg. Wellhead Rate: 34.6 BPM. Avg.Slurry Rate: 17.9 BPM. Avg. CO2 Rate: 14.6 BPM. Avg. Pressure: 4548 PSI. Max. Wellhead Rate: 35.6 BPM. Max. Slurry Rate: 19.5 BPM. Max. CO2 Rate: 17.2 BPM. Max. PSI 6261 Total Fluid Pumped: 23,772 gal. Total Sand in Formation: 95,600 lb.(20/40 White) Praxair CO2 Down hole: 110 ton. CO2 Cooldown: 7 ton. ISIP: 2,428 PSI. Frac Gradient: 0.92 psi/ft. dumped 10 gel into blender tub to increase viscosity in flush. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. upped pump rates in flush. - 0.75, WSI for 2 2 hr. then open up on 24 choke then follow choke schedule, turn to flare until Co2 cleans up - 18.5

www.peloton.com Page 2/2 Report Printed: 8/3/2011



## UNITED STATES

FORM APPROVED

(August 2007)	,				OF THE IN VD MANA									y 31, 2010	
	WELL	COMPL					ORT	AND LOG	•			ease Serial	No.		
la. Type o		Oil Well				Other				<del></del>	6. 11	Indian, All	ottee o	r Tribe Name	
b. Type o	of Completion	o Othe		□ Work (		Deepen (	☐ Plug	Back 🔲	Diff. R	esvr.	7. U	nit or CA A JTU794871	greem H	ent Name and No.	
2. Name o	Operator BARRETT CO	ORPORA	TION E	-Mail: mfin		MEGAN FI		AN			8. L.	ease Name PRICKLY F	and W	UNIT FEDERAL 7A-211	
3. Address	1099 18T DENVER			300		3a, Ph Ph: 3	10ne No 103-299	o. (inclu <b>de are</b> : 9-9949	a code)		9. A	PI Well No		43-007-50056	15
	n of Well (Re	-	•	id in accord		ederal requir	ements)					Field and Po RICKLY F		Exploratory	
At surf		1721FNL						4-53.			11. 5	Sec., T., R.,	M., or	Block and Survey 12S R15E Mer SLB	
	prod interval l depth SW		8		NL 1935FE	L					12. (	County or P		13. State	
14. Date S	· · · · · · · · · · · · · · · · · · ·	INE 13441		ate T.D. Re	ached			Completed					DF, K	B, RT, GL)*	
01/11/	2011		05	/17/2011			D& 07/1	A 🔀 Rea 1/2011	dy to Pr	rod.		73	37 GL		
18. Total I	•	MD TVD	7615 <b>7320</b>	ŀ	). Plug Back		MD TVD	7556 <b>727</b> 0	124	20. De	pth Bri	dge Plug So	et:	MD TVD	
21. Type I CBL, 1	Electric & OU TRIPLE CON	her Mechar MBO, BOF	nical Logs R REHOLE	un (Submit	copy of eac	h)			Was v	vell core OST run? ional Su	d? rvey?	No No No	Ye:	s (Submit analysis) s (Submit analysis) s (Submit analysis)	
23. Casing a	and Liner Rec	ord (Repo	rt all strings	T				l		1		ſ			
Hole Size	Size/C	irade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	stage Co Dep		No. of Ska Type of Ce		Slumy (BE		Cement'	Top*	Amount Pulled	
24.00		0 COND	<b>36</b> .0	<del></del>		40	40		470				0		
12.25 7.87		625 J-55 00 P-110	36.0 11.6	<del> </del>	0 10		1003 7600	<u> </u>	170 1630		60 477		0 610		
										<u> </u>	<u></u>				
24. Tubing	g Record									I					
Size	Depth Set (N	MD) Pa	cker Depth	(MD) 5	Size Do	pth Set (MD	)) P	acker Depth ()	MD)	Size	De	pth Set (M.	D)	Packer Depth (MD)	
25. Produc	ing Intervals					26. Perforatio	n Rece	ord							
	ormation		Тор		Bottom	Perf	forated	Interval		Size		No. Holes		Perf. Status	
<u>A)</u> B)	WAS/ MESAVI	ATCH ERDE		4895 6782	6744 7492			4895 <b>TO 6</b> 7		3.1 3.1			OPE		
C)						.,									
D)	racture, Trea	Iment Cen	Ant Sausez	Ftc									<u> </u>		
27.73010,1	Depth Interv	***************************************	Jen Bqueez	., 1.10.			Aı	nount and Typ	e of M	aterial					
	46	395 TO 67	44 WASAT	CH: SEET	REATMENT	STAGES 6-	10								
	67	782 TO 74	92 MESAV	ERDE: SEE	TREATME	NT STAGES	1 - 5								
	tion - Interval	A													
Date First Produced	Tesi Date	Hours Tested	Test Production	Oil BBI.	Gas MCF	Water BBL	Oil Ga Carr. A		Gas Gravity		Producti	on Method			
07/11/2011		24		0.0	3312.0	0.0 Water	<del> </del>	.1	10,			FLOV	VS FRO	OM WELL	
Chake Size 28/64	Thy Press Flwg. SI	Csg Ptess 552.0	24 Hr. Rate	Oil 用印, <b>O</b>	Gas MCF 3312	BBL	Gas O: Ratio	11	Well Sta	GW		R	EC	EIVED	
	ction - Interva			L	1 0312		<u>l</u>	······································		<u> </u>		Λ. Α	IIG '	1 7 2011	
Date First Produced	Test Date	Hours Tested	Test Production	GB1 Ori	Gas MCF	Water BBI	Oil Gn Con A		Gas Gravity		Producti	on Method			
Choke Size	The Press	Csg Press	24 Hr. Raic	Oil BBL	Gas MCF	Water BBL	Gas.Or Ratio	1)	Well Sta	itus		DIV. OF	OIL,	GAS & MINING	

70h Dand	luction - Interv	nl C			······································			<del></del>				
Date First		Ilours	Test	Oil	Icas	Water	(h) Com du	Ic.		Dead was Marked		
Produced Produced	Test Date	Tested	Production	BB1.	Gas MCF		Oil Gravity Con API	Gas Gravit	ly	Production Method		
Choke Size	The Press Fing SI	Csg Press.	24 Hr Rate	Oil BBL	Gas MCF		Gas.Od Rano	Well	Status			
28c. Prod	uction - Interv	al D			<u></u>	.1	***	<b>L</b>		······································		
Date Fusi Produced	Test Date	Hours Tested	Test Production	DBT Oil	Gus MCF		Oil Gravity Corr API	Gas Gravi	ty	Production Mathed		
Choke Size	Tog Press Flug SI	Csg Press	24 Hr Rate	BBT Dij	Gas MCF		Gas Oil Ratio	Well:	Status	4		
29. Dispo	sition of Gas	Sold, used	for fuel, vent	ed, etc.)	•				······································			
Show tests,		zones of po	orosity <b>and c</b>	ontents there		ntervals and all flowing and sh		;	31. For	mation (Log) Mar	rkers	
	Formation		Тор	Bottom		Descriptions	, Contents, etc.			Name		Top Meas, Depth
TOC Cond	ional remarks was calcus ce uctor sous ce g to 5011' 7'	ed by CBI mented w	CBL mail rith grout. 8	ed due to f 3/4 hole si	ze ws drille	rst sales was ed from the bo	on 7/11/2011 ontom of surfa	ce	NC DA	ASATCH ORTH HORN RK CANYON ICE RIVER		2935 4901 6765 6980 7615
33. Circle	enclosed atta	chments:						***************************************				······································
	ectrical/Mecha	_	-			2. Geologic Re	•		DST Re	port	4. Direction	ial Survey
5. Su	ndry Notice fo	r plugging	and cement	verification	(	<ol><li>Core Analys</li></ol>	SiS	7	Other:			
34. I here	by certify that	the forego	-	onic Submi	ssion #1153	plete and correct 301 Verified by ETT CORPOR	y the BLM W	ell Inform	ation Sy	records (see attac stem.	hed instructio	ns):
Name	(please print)	MEGAN	FINNEGAN	!		······································	Title Pi	ERMIT A	NALYST		4	
Signat	lure <u>~</u>	Pedron	is Sybmissi	90)	· fr		Date <u>08</u>	V16/2011			······································	
Title 18 U	J.S.C. Section	1001 and 7	Fitle 43 U.S.(	C. Section 13	212, make it	t a crime for an	y person know	ingly and	willfully	to make to any de	partment or ag	gency

## Prickly Pear Unit Federal #7A-21D-12-15 Report Continued\*

44. ACID, F	RACTURE, TREATME	NT, CEMENT SQUEEZE, ETC. (cont.)							
AMOUNT AND TYPE OF MATERIAL									
<u>Stage</u>	Bbls Slurry	20/40 lbs White Sand							
1	542	80,200							
2	1,161	208,700							
3	531	82,500							
4	411	21,000							
5	764	122,400							
6	806	102,300							
7	470	56,100							
8	1,108	164,200							
9	689	94,200							
10	598	95,600							

<sup>\*</sup>Depth intervals for frac information same as perforation record intervals.

AUG 1 7 2011

THE OF OIL, GAS & MINING



## Bill Barrett Corp.

Carbon County, UT [NAD27]
Prickly Pear S2 NE 21 Pad
Prickly Pear UF 7A-21D-12-15

Wellbore #1

Survey: Surveys from Surface

## **Standard Survey Report**

18 May, 2011

RECEIVED AUG 1 7 2011

DIV. OF OIL, GAS & MINING





Survey Report



Company:

Bill Barrett Corp.

Project:

Carbon County, UT [NAD27]

Site: Well: Prickly Pear S2 NE 21 Pad

Wellbore: Design:

Wellbore #1

Prickly Pear UF 7A-21D-12-15

Wellbore #1

**Local Co-ordinate Reference:** 

**TVD Reference:** 

MD Reference:

North Reference:

**Survey Calculation Method:** 

Database:

Well Prickly Pear UF 7A-21D-12-15

GL @ 7332.00ft

GL @ 7332.00ft

True

Minimum Curvature

Compass VM

Project

Carbon County, UT [NAD27]

Map System:

US State Plane 1927 (Exact solution)

Geo Datum:

NAD 1927 (NADCON CONUS)

Map Zone:

Utah Central 4302

System Datum:

Mean Sea Level

Using geodetic scale factor

Site

Prickly Pear S2 NE 21 Pad

Site Position:

Lat/Long

Northing: Easting:

522,763.65 usft 2,355,828.77 usft

Latitude:

Longitude:

39° 45' 42.10 N

**Position Uncertainty:** 

0.00 ft

**Slot Radius:** 

1.10 ft

**Grid Convergence:** 

110° 14' 3.03 W

0.81°

Weil

Prickly Pear UF 7A-21D-12-15

**Well Position** 

+N/-S +E/-W 0.00 ft 0.00 ft

Northing: Easting:

522,772.94 usft 2,355,841.86 usft

Latitude: Longitude:

39° 45′ 42.19 N 110° 14' 2.86 W

**Position Uncertainty** 

0.00 ft

Wellhead Elevation:

ft

**Ground Level:** 

7,332.00 ft

0.00

Wellbore

Wellbore #1

Magnetics

**Model Name** 

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT)

IGRF200510

04/01/11

0.00

11.35

65.54

52,134

Design

Wellbore #1

**Audit Notes:** Version:

10

Phase:

ACTUAL

Tie On Depth:

Vertical Section:

Depth From (TVD)

+N/-S (ft)

0.00

+E/-W (ft)

0.00

Direction

(°)

287.05

**Survey Program** 

Date 05/18/11

From (ft)

To

(ft) Survey (Wellbore) **Tool Name** 

Description

100.00 1,156.00

900.00 Gyro Surveys (Wellbore #1) 7,615.00 Surveys (Wellbore #1)

MWD MWD MWD - Standard MWD - Standard

Survey

Measured			Vertical			Vertical	Dogleg	Build	Turn
Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)
0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.160	233.55	100.00	-0.08	-0.11	0.08	0.16	0.16	0.00
200.00	0.040	335.27	200.00	-0.13	-0.24	0.19	0.17	-0.12	101.72
300.00	0.210	159.15	300.00	-0.27	-0.19	0.10	0.25	0.17	-176.12
400.00	0.180	318.34	400.00	-0.33	-0.23	0.12	0.38	-0.03	159.19
500.00	0.190	215.34	500.00	-0.35	-0.43	0.31	0.29	0.01	-103.00
600.00	0.070	28.37	600.00	-0.43	-0.49	0.35	0.26	-0.12	173.03
700.00	0.210	226.48	700.00	-0.50	-0.60	0.43	0.28	0.14	-161.89
800.00	0.070	346.62	800.00	-0.57	-0.75	0.55	0.25	-0.14	120.14
900.00	0.440	135.53	900.00	-0.78	-0.49	0.24	0.50	0.37	148.91



Survey Report



Company:

Bill Barrett Corp.

Project: Site:

Carbon County, UT [NAD27] Prickly Pear S2 NE 21 Pad

Well: Wellbore: Prickly Pear UF 7A-21D-12-15 Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference: Survey Calculation Method:

Well Prickly Pear UF 7A-21D-12-15

GL @ 7332.00ft

GL @ 7332.00ft

True

Minimum Curvature

esign:		libore #1			Database:			Compass VM		
urvey										
	Measured			Vertical			Vertical	Dogleg	Build	Turn
	Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
	(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
	1,002.70	0.311	157.81	1,002.70	-1.32	-0.11	-0.28	0.19	-0.13	21.69
	9 5/8"			1,4						
	1,156.00	0.300	213.90	1,155.99	-2.04	-0.18	-0.43	0.19	-0.01	36.59
	1,251.00	3.600	272.00	1,250.93	-2.14	-3.30	2.52	3.63	3.47	61,16
	1,346.00	6.000	277.50	1,345.59	-1.39	-11.20	10.30	2.57	2.53	5.79
	1,441.00	8.500	292.20	1,439.83	1.91	-22.63	22.19	3.26	2.63	15.47
	1,536.00	11.300	286.80	1,533.41	7.26	-38.04	38.50	3.10	2.95	-5.68
	1,631.00	14.200	286.40	1,626.05	13.24	-58.13		3.05	3.05	-0.42
	1,726.00	17.300	286.50	1,717.48	20.54	-82.86	85.24	3.26	3.26	0.11
	1,821.00	18.900	286.40	1,807.77	28.90	-111.17	114.75	1.68	1.68	-0.11
	1,916.00	20.400	291.40	1,897.24	39.29	-141.35	146.65	2.37	1.58	5.26
	0.044.00	04 000	000.00	4.005.04	F4 47	470.00	400.05	4.60	4 50	1.46
	2,011.00	21.900	290.30	1,985.84	51.47	-173.38	180.85	1.63	1.58	-1.16 2.84
	2,106.00	24.500	287.60	2,073.16	63.58	-208.78 -247.59	218.25 258.92	2.96 1.80	2.74 1.79	-2.84 -0.42
	2,201.00	26.200	287.20	2,159.01	75.74					
	2,296.00	27.300	283.50	2,243.84	87.03	-288.81	301.64	2.10	1.16	-3.89
	2,391.00	30.800	284.40	2,326.88	98.16	-333.57	347.69	3.71	3.68	0.95
	2,486.00	29.900	284.30	2,408.86	110.06	-380.07	395.64	0.95	-0.95	-0.11
	2,581.00	28.700	284.10	2,491.70	121.47	-425.14	442.07	1.27	-1.26	-0.21
	2,676.00	26.800	283.50	2,575.77	132.02	-468.10	486.23	2.02	-2.00	-0.63
	2,771.00	26.500	284.40	2,660.68	142.30	-509.45	528.78	0.53	-0.32	0.95
	2,865.00	27.600	290.30	2,744.41	155.07	-550.19	571.48	3.08	1.17	6.28
	2,960.00	28.200	291.10	2,828.37	170.78	-591.77	615.84	0.74	0.63	0.84
	3,055.00	26.500	290.20	2,912.75	186.18	-632.61	659.40	1.84	-1.79	-0.95
	3,150.00	27.900	292.20	2,997.24	201.90	-673.08	702.70	1.76	1.47	2.11
	3,245.00	29.400	290.70	3,080.61	218.54	-715.48	748.11	1.75	1.58	-1.58
	3,340.00	27.900	291.20	3,163.98	234.82	-758.01	793.55	1.60	-1.58	0.53
	3,435.00	27.200	290.10	3,248.20	250.32	-799.13	837.40	0.91	-0.74	-1.16
	3,530.00	26.400	290.10	3,333.00	265.04	-839.35	880.17	0.84	-0.84	0.00
	3,625.00	27.200	288.80	3,417.80	279.30	-879.74	922.97	1.04	0.84	-1.37
	3,719.00	26.400	288.60	3,501.70	292.89	-919.88	965.33	0.86	-0.85	-0.21
	3,814.00	27.800	288.00	3,586.27	306.47	-960.97	1,008.60	1.50	1.47	-0.63
	3 000 00	27.400	207 40	2 670 46	210.05	1 000 00	1,052.61	0.54	.0.49	-0.63
	3,909.00	27.400	287.40 286.70	3,670.46 3,754.61	319.85	-1,002.90 1,042.93		0.51 2.05	-0.42 2.02	
	4,003.00 4,098.00	25.500 24.300	286.70 287.80	3,754.61 3,840.78	332.14 343.99	-1,042.93 -1,081.12	1,094.47 1,134.47	2.05 1.35	-2.02 -1.26	-0.74 1.16
	4,098.00	24.300 22.900			343.99 355.28				-1.26 -1.47	
	4,193.00	22.900	286.70 286.00	3,927.83 4,015.66	355.26 365.47	-1,117.44 -1 152 18	1,172.50	1.54 1.09	-1.47 -1.05	-1.16 -0.7 <del>4</del>
	4,∠00.00	21.900	∠00,00	4,U 10.00	300. <del>4</del> 1	-1,152.18	1,208.70	1.08	-1.05	-U. / 4
	4,383.00	21.000	285.20	4,104.08	374.82	-1,185.64	1,243.43	1.00	-0.95	-0.84
	4,478.00	18.200	286.20	4,193.57	383.42	-1,216.32	1,275.28	2.97	-2.95	1.05
	4,572.00	15.300	286.40	4,283.57	391.02	-1,242.32	1,302.36	3.09	-3.09	0.21
	4,667.00	12.400	283.80	4,375.80	396.99	-1,264.25	1,325.09	3.12	-3.05	-2.74
	4,762.00	9.400	285.30	4,469.08	401.48	-1,281.64	1,343.03	3.17	-3.16	1.58
	4,857.00	5.700	289.40	4,563.24	405.09	-1,293.58	1,355.50	3.93	-3.89	4.32
	4,952.00	2.800	293.30	4,657.97	407.58	-1,300.16	1,362.52	3.07	-3.05	4.11



Survey Report



Company:

Bill Barrett Corp.

Project: Site: Carbon County, UT [NAD27] Prickly Pear S2 NE 21 Pad

Well: Wellbore: Prickly Pear UF 7A-21D-12-15 Wellbore #1

Design:

Wellbore #1

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method: Database:

Well Prickly Pear UF 7A-21D-12-15

GL @ 7332.00ft

GL @ 7332.00ft True

Minimum Curvature

Compass VM

							_		_ 51 8
Measured	4		Vertical			Vertical	Dogleg	Build	Turn
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
5,045.00	0.300	174.30	4,750.93	408.23	-1,302.22	1,364.69	3.18	-2.69	-127.96
5,140.00	0.400	147.50	4,845.93	407.71	-1,302.02	1,364.34	0.20	0.11	-28.21
5,234.00	0.300	168.80	4,939.93	407.19	-1,301.80	1,363.97	0.17	-0.11	22.66
5,329.00	0.400	186.50	5,034.93	406.61	-1,301.79	1,363.79	0.15	0.11	18.63
5,424.00	0.300	204.30	5,129.92	406.06	-1,301.93	1,363.76	0.15	-0.11	18.74
5,518.00	0.500	218.60	5,223.92	405.51	-1,302.28	1,363.95	0.24	0.21	15.21
5,613.00	0.500	231.90	5,318.92	404.93	-1,302.87	1,364.34	0.12	0.00	14.00
5,708.00	0.800	229.20	5,413.91	404.24	-1,303.70	1,364.93	0.32	0.32	-2.84
5,803.00	0.900	227.60	5,508.90	403.31	-1,304.75	1,365.66	0.11	0.11	-1.68
5,898.00	0.900	229.80	5,603.89	402.32	-1,305.87	1,366.44	0.04	0.00	2.32
5,993.00	1.200	222.00	5,698.87	401.10	-1,307.11	1,367.26	0.35	0.32	-8.21
6,088.00	1.500	218.30	5,793.85	399.39	-1,308.54	1,368.13	0.33	0.32	-3.89
6,183.00	1.700	224.10	5,888.81	397.40	-1,310.29	1,369.23	0.27	0.21	6.11
6,278.00	1.700	224.10	5,983.77	395.38	-1,312.25	1,370.51	0.00	0.00	0.00
6,373.00	1.600	242.60	6,078.73	393.75	-1,314.41	1,372.09	0.57	-0.11	19.47
6,468.00	1.700	247.70	6,173.69	392.61	-1,316.89	1,374.13	0.19	0.11	5.37
6,563.00	1.400	246.20	6,268.66	391.61	-1,319.26	1,376.10	0.32	-0.32	-1.58
6,658.00	1.400	252.30	6,363.63	390.78	-1,321.43	1,377.93	0.16	0.00	6.42
6,753.00	1.200	256.50	6,458.60	390.20	-1,323.50	1,379.74	0.23	-0.21	4.42
6,848.00	1.400	244.80	6,553.58	389.47	-1,325.52	1,381.46	0.35	0.21	-12.32
6,943.00	1.400	247.70	6,648.55	388.54	-1,327.64	1,383.21	0.07	0.00	3.05
7,038.00	1.700	239.90	6,743.51	387.39	-1,329.93	1,385.07	0.39	0.32	-8.21
7,133.00	1.800	231.40	6,838.47	385.75	-1,332.32	1,386.87	0.29	0.11	-8.95
7,228.00	1.800	236.80	6,933.42	384.01	-1,334.73	1,388.66	0.18	0.00	5.68
7,322.00	1.600	237.30	7,027.38	382.49	-1,337.07	1,390.46	0.21	-0.21	0.53
7,417.00	2.500	226.20	7,122.32	380.34	-1,339.69	1,392.32	1.03	0.95	-11.68
7,512.00	2.900	228.40	7,217.22	377.31	-1,342.98	1,394.58	0.43	0.42	2.32
7,565.00	3.100	228.20	7,270.14	375.46	-1,345.05	1,396.02	0.38	0.38	-0.38
7,615.00	3.100	228.20	7,320.07	373.66	-1,347.06	1,397.42	0.00	0.00	0.00

Casing Points			**************************************				
	Measured	Vertical			Casing	Hole	
	Depth (ft)	Depth (ft)		Name	Diameter (ft)	Diameter (ft)	
	1,002.70	1,002.70	9 5/8"		0.80	1.02	

Survey Annotations					
Measured	Vertical	Local Coor	dinates		
Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
900.00	900.00	-0.78	-0.49	End of Gyros	



Survey Report



Company:

Bill Barrett Corp.

Project:

Carbon County, UT [NAD27]

Site: Well: Prickly Pear \$2 NE 21 Pad Prickly Pear UF 7A-21D-12-15

Weilbore: Design: Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

Well Prickly Pear UF 7A-21D-12-15

TVD Reference:

GL @ 7332.00ft

MD Reference:

GL @ 7332.00ft

North Reference:

True

**Survey Calculation Method:** 

Minimum Curvature

Database:

Compass VM

Checked By:	Approved By:	Date:
<u> </u>		

Sundry Number: 26081 API Well Number: 43007500560000

	STATE OF UTAH			FORM 9
	DEPARTMENT OF NATURAL RESO DIVISION OF OIL, GAS, AND		<b>;</b>	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU 73670
SUNDF	RY NOTICES AND REPOR	RTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significa reenter plugged wells, or to drill h n for such proposals.			7.UNIT or CA AGREEMENT NAME: PRICKLY PEAR
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: PRICKLY PEAR U FED 7A-21D-12-15
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43007500560000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300	, Denver, CO, 80202		NE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: PRICKLY PEAR
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1721 FNL 0641 FEL				COUNTY: CARBON
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 11 Township: 12.0S Range: 15.0E N	Meridian: S	S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO IND	DICATE N	ATURE OF NOTICE, REPOF	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE		LITER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		HANGE TUBING	CHANGE WELL NAME
,	CHANGE WELL STATUS	Пс	OMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	□ F	RACTURE TREAT	NEW CONSTRUCTION
5/10/2012	OPERATOR CHANGE	□ P	LUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	□ s	IDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	□ <b>v</b>	ENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	s	I TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION		THER	OTHER: Pit Closure
12 DESCRIBE PROPOSED OF	COMPLETED OPERATIONS. Clearly s	show all nee	rtinent details including dates	
	on the above referenced			
NAME (PLEASE PRINT)	PHONE N	IUMRER	TITLE	
Megan Finnegan	303 299-9949	TOWNER	Permit Analyst	
SIGNATURE N/A			<b>DATE</b> 5/29/2012	

## Division of Oil, Gas and Mining

## **OPERATOR CHANGE WORKSHEET (for state use only)**

ROU'	TING
C	DW

	X - Change of Operator (Well Sold)			Operator Na	me Chan	ge/Merger		-
	The operator of the well(s) listed below has chan	ged, eff	ective:			1/1/2014		
FF	ROM: (Old Operator):			<b>TO:</b> ( New O	perator):			
	165-Bill Barrett Corporation			N4040-EnerVe		g. LLC		
•	99 18th Street, Suite 230			1001 Fannin St	•			
	nver, CO 80202			Houston, TX 7		,,,,		
				, , ,	. 002			
Pho	one: 1 (303) 312-8134			Phone: 1 (713)	659-3500			
	CA No.			Unit:	Prickly Pe	ar		
WE	ELL NAME	SEC T	WN RNG	API NO	ENTITY	LEASE TYPE	WELL	WELL
					NO		TYPE	STATUS
See	Attached List				L	<u> </u>		1
	PERATOR CHANGES DOCUMENT. ter date after each listed item is completed (R649-8-10) Sundry or legal documentation wa (R649-8-10) Sundry or legal documentation wa	s receiv	ed from the	-		1/7/2014 1/7/2014		
3.	The new company was checked on the <b>Departs</b>			•				1/28/2014
4a.	Is the new operator registered in the State of U		Commerce	Business Numb		8850806-0161		1/20/2014
	(R649-9-2)Waste Management Plan has been re		on: ———	Not Yet		000000000000000000000000000000000000000	•	
	Inspections of LA PA state/fee well sites compl			Yes	-			
	Reports current for Production/Disposition & S		on:	1/24/2014	•			
6.	Federal and Indian Lease Wells: The BL				: merger, na	me change.		
	or operator change for all wells listed on Federa				BLM		BIA	N/A
7.	Federal and Indian Units:							
	The BLM or BIA has approved the successor	of unit	operator for	r wells listed on:		Not Yet		
8.	Federal and Indian Communization Ag		-			1100 100	•	
•	The BLM or BIA has approved the operator f		•	•		N/A		
9.	Underground Injection Control ("UIC"				orm 5 Tran		ity to	
٠.	Inject, for the enhanced/secondary recovery un	•		•			Yes	
DA	ATA ENTRY:	ii/projet	ot for the wa	ater disposar wer	n(s) nstea o		1 65	_
1.	Changes entered in the Oil and Gas Database	on:		1/28/2014				
2.	Changes have been entered on the Monthly Op		Change Sp		•	1/28/2014		
3.	Bond information entered in RBDMS on:			1/28/2014				
4.	Fee/State wells attached to bond in RBDMS on	:		1/28/2014	•			
5.	Injection Projects to new operator in RBDMS of			1/28/2014				
6.	Receipt of Acceptance of Drilling Procedures for					1/7/2014		
	Surface Agreement Sundry from NEW operator	on Fee	Surface we	lls received on:		1/7/2014		
BC	OND VERIFICATION:							
1.	Federal well(s) covered by Bond Number:			RLB7886	•			
2.	Indian well(s) covered by Bond Number:			RLB7886				
3a.	(R649-3-1) The <b>NEW</b> operator of any state/fee			-		B008371		
3b.	The <b>FORMER</b> operator has requested a release	of liab	ility from th	neir bond on:	N/A			
Į,F	CASE INTEREST OWNER NOTIFIC	ATIO	N:					
	(R649-2-10) The <b>NEW</b> operator of the fee wells			and informed b	v a letter fro	om the Division		
	of their responsibility to notify all interest owner				1/28/2014	uic Divisioii		
	MMENTS:			-				

W/-11 N/	- C	THAT		Prickly Pear C		> 6' 1 x			XXX 11 (D)	TYY 11 C
Well Name	Sec		1	API Number	Entity	Mineral I	Lease	Surface Lease	Well Type	Well Status
PPU FED 11-23D-12-15	_	120S	150E	4300731440		Federal		Federal	GW	APD
PPU FED 4-26D-12-15	/	120S	150E	4300731441		Federal		Federal	GW	APD
PPU FED 14-23D-12-15	_	120S	150E	4300731442		Federal		Federal	GW	APD
PPU FED 12-23D-12-15		120S	150E	4300731443		Federal		Federal	GW	APD
PRICKLY PEAR U FED 12-7D-12-15	-	120S	150E			Federal		Federal	GW	APD
PRICKLY PEAR U FED 11-7D-12-15		120S	150E	4300750095		Federal		Federal	GW	APD
PRICKLY PEAR U FED 13-7D-12-15		120S	150E	4300750096		Federal		Federal	GW	APD
PRICKLY PEAR U FED 14-7D-12-15		120S	150E	4300750097		Federal		Federal	GW	APD
PRICKLY PEAR UF 11-8D-12-15	8	120S	150E	4300750124		Federal		Federal	GW	APD
PRICKLY PEAR UF 12-8D-12-15	8	120S	150E	4300750125		Federal		Federal	GW	APD
PRICKLY PEAR UF 13-8D-12-15	8	120S	150E	4300750126		Federal		Federal	GW	APD
PRICKLY PEAR UF 14-8D-12-15	8	120S	150E	4300750127		Federal		Federal	GW	APD
PRICKLY PEAR UF 9-21D-12-15		120S	150E	4300750128		Federal		Federal	GW	APD
PRICKLY PEAR UF 9A-21D-12-15			150E	4300750129		Federal		Federal	GW	APD
PRICKLY PEAR UF 10-21D-12-15		120S	150E	4300750130		Federal		Federal	GW	APD
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal		Federal	GW	APD
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal		Federal	GW	APD
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal		Federal	GW	APD
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal		Federal	GW	APD
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal		Federal	GW	APD
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal		Federal	GW	APD
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal		Federal	GW	APD
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal		Federal	GW	APD
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal		Federal	GW	APD
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal		Federal	GW	APD
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165		Federal		Federal	GW	APD
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166		Federal		Federal	GW	APD
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167		Federal		Federal	GW	APD
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168		Federal		Federal	GW	APD
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169		Federal		Federal	GW	APD
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170		Federal		Federal	GW	APD
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180		Federal		Federal	GW	APD
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181		Federal		Federal	GW	APD
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184		Federal		Federal	GW	APD
PRICKLY PEAR UF 3A-18D-12-15	7	120S	150E	4300750185		Federal		Federal	GW	APD
PRICKLY PEAR UF 4A-18D-12-15				4300750186	i	Federal		Federal	GW	APD
PRICKLY PEAR UF 11A-7D-12-15	7	120S	150E	4300750187		Federal		Federal	GW	APD
PRICKLY PEAR UF 2-18D-12-15			150E	4300750188		Federal		Federal	GW	APD
PRICKLY PEAR UF 12A-7D-12-15			150E	4300750189		Federal		Federal	GW	APD
PRICKLY PEAR UF 13A-7D-12-15			150E	4300750190		Federal		Federal	GW	APD
PRICKLY PEAR UF 14A-7D-12-15	-		150E	4300750191		Federal		Federal	GW	APD
PRICKLY PEAR FEDERAL 1-12D-12-14			140E	4300750205		Federal		Federal	GW	APD
PRICKLY PEAR UF 2-12D-12-14			140E	4300750206		Federal		Federal	GW	APD
PRICKLY PEAR UF 7-12D-12-14			140E	4300750207		Federal		Federal	GW	APD
PRICKLY PEAR UF 7A-12D-12-14			140E	4300750208		Federal		Federal	GW	APD
PRICKLY PEAR UF 8-12D-12-14			140E	4300750209		Federal		Federal	GW	APD
PRICKLY PEAR UF 4-7D-12-15			140E	4300750210		Federal		Federal	GW	APD
PRICKLY PEAR UF 5-7D-12-15			140E	4300750211		Federal	<u>-</u>		GW	APD
PRICKLY PEAR UF 8A-12D-12-14			140E	4300750211		Federal			GW	APD
PRICKLY PEAR UF 5A-7D-12-15			140E	4300750212		Federal			GW	APD
PRICKLY PEAR UF 7-14D-12-15			150E	4300750213		Federal		Federal	GW	APD
PRICKLY PEAR UF 7A-14D-12-15				4300750214		Federal		Federal	GW	APD
PRICKLY PEAR UF 9-14D-12-15				4300750217		Federal		Federal	GW	APD
PRICKLY PEAR UF 9A-14D-12-15			150E	4300750217		Federal		Federal	GW	APD
PRICKLY PEAR UF 10-14D-12-15			150E			Federal		****		APD
PRICKLY PEAR UF 10-14D-12-15				4300750219		Federal				
TRICKLI TEAK OF 10A-14D-12-13	14	1203	IOUE	4300/30220		reueral		Federal	GW	APD

Well Name	Coo TWN		API Number		Min and Lagar	Comfort I	W-11 T	337-11 C4-4
PRICKLY PEAR UF 15A-14D-12-15	14 120S	150E	4300750222	Entity	Mineral Lease Federal		Well Type GW	Well Status
PRICKLY PEAR UF 16-14D-12-15	14 120S	150E	4300750222		Federal	Federal	GW	APD APD
PRICKLY PEAR UF 16A-14D-12-15	14 120S	150E	4300750224		Federal	Federal	GW	+
PRICKLY PEAR UF 1A-18D-12-15	7 120S	150E	4300750225		Federal	Federal	GW	APD
PRICKLY PEAR UF 2A-18D-12-15	7 120S	150E	4300750226		Federal	Federal		APD
PRICKLY PEAR UF 9A-7D-12-15	7 120S	150E	4300730220			Federal	GW	APD
PRICKLY PEAR UF 10A-7D-12-15	7 120S	150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-7D-12-15	7 120S		4300750228		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-7D-12-15	<del>                                     </del>	150E	4300750229		Federal	Federal	GW	APD
PRICKLY PEAR UF 9A-12D-12-14	7 120S	150E	4300750230		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-12D-12-14	12 120S	140E	4300750233		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-12D-12-14	12 1208	140E	4300750234		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-12D-12-14  PRICKLY PEAR UF 12A-8D-12-15	12 120S	140E	4300750235		Federal	Federal	GW	APD
	8 120S	150E	4300750236		Federal	Federal	GW	APD
PRICKLY PEAR UF 16A-12D-12-14	12 120S	140E	4300750237		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-8D-12-15	8 120S	150E	4300750238		Federal	Federal	GW	APD
PRICKLY PEAR UF 13A-8D-12-15	8 120S	150E	4300750239		Federal	Federal	GW	APD
PRICKLY PEAR UF 14A-8D-12-15	8 120S	150E	4300750240		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-8D-12-15	8 120S	150E	4300750260		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-8D-12-15	8 120S	150E	4300750261		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-8D-12-15	8 120S	150E	4300750262		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-8D-12-15	8 120S	150E			Federal	Federal	GW	APD
PRICKLY PEAR UF 2-8D-12-15	8 120S	150E	4300750264		Federal	Federal	GW	APD
PRICKLY PEAR UF 7A-8D-12-15	·	150E	4300750265		Federal	Federal	GW	APD
PRICKLY PEAR UF 7-8D-12-15		150E	4300750266		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-8D-12-15	<del>                                     </del>	150E	4300750267		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-8D-12-15		150E	4300750268		Federal	Federal	GW	APD
PRICKLY PEAR UF 10A-8D-12-15	<del>                                     </del>	150E	4300750269	-	Federal	Federal	GW	APD
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PRICKLY PEAR UF 8-8D-12-15		150E	4300750271		Federal	Federal	GW	APD
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PRICKLY PEAR UF 8A-8D-12-15		150E	4300750273		Federal	Federal	GW	APD
PRICKLY PEAR UF 5-9D-12-15		150E	4300750274		Federal	Federal	GW	APD
PRICKLY PEAR UF 5A-9D-12-15		150E	4300750275		Federal	Federal	GW	APD
PRICKLY PEAR UF 4-9D-12-15		150E	4300750276		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-9D-12-15			4300750277		Federal	Federal		APD
PRICKLY PEAR UF 6A-9D-12-15			4300750278		Federal	Federal	GW	APD
PRICKLY PEAR UF 11-9D-12-15		150E	4300750279		Federal	Federal	GW	APD
PRICKLY PEAR UF 12A-9D-12-15		150E	4300750280		Federal	Federal	GW	APD
PRICKLY PEAR UF 6-9D-12-15		150E	4300750281		Federal	Federal	GW	APD
PRICKLY PEAR UF 11A-9D-12-15	<del></del>	150E	4300750282		Federal	Federal	GW	APD
PRICKLY PEAR US 1X-16D-12-15		150E	4300750283		State	Federal	GW	APD
PRICKLY PEAR UF 5A-15D-12-15		150E	4300750284		Federal	Federal	GW	APD
PRICKLY PEAR UF 6A-15D-12-15		150E	4300750285		Federal	Federal	GW	APD
PRICKLY PEAR UF 3-15D-13-15		150E	4300750286		Federal	Federal	GW	APD
PRICKLY PEAR UF 15A-10D-12-15		150E	4300750287		Federal		GW	APD
PRICKLY PEAR UF 13-10D-12-15		150E	4300750288		Federal		GW	APD
PRICKLY PEAR UF 15-10D-12-15		150E	4300750289		Federal		GW	APD
PRICKLY PEAR UF 16A-10D-12-15	<u> </u>	150E	4300750290		Federal		GW	APD
PRICKLY PEAR UF 9-10D-12-15		150E	4300750291		Federal		GW	APD
PRICKLY PEAR UF 14A-10D-12-15		150E	4300750292				GW	APD
PRICKLY PEAR UF 10-10D-12-15		150E	4300750293		Federal		GW	APD
PRICKLY PEAR UF 16-10D-12-15			4300750294				GW	APD
PRICKLY PEAR UF 13-11D-12-15			4300750295					APD
PRICKLY PEAR UF 13A-11D-12-15			4300750296					APD
PRICKLY PEAR UF 12-11D-12-15			4300750297			Federal	GW	APD
PRICKLY PEAR UF 13A-10D-12-15	10 120S	150E	4300750298		Federal	Federal	GW	APD

PRICKLY PEAR UF 1-10-10-12-15	Well Name	Soc TWN		ADI Number		Minoral Lagra	Cumfa a a I a a a a	W-11 T	W-11 C4-4
PRICKLY PEAR UF 14-10-12-15			+					Well Type	Well Status
PRICKLY PEAR UF 3-10-12-15   10   1208   150E   430075002   Federal   Federal   GW   APD			-						
PRICKLY PEAR UF 4-150-12-15   10   1208   150E   4300750302   Federal   Federal   GW   APD						<del></del>	<del></del>	<del> </del>	<del></del>
PRICKLY PEAR UF 4-15D-12-15   10   120S   150E   4300750302   Federal   Federal   GW   APD				<del></del>					
PRICKLY PEAR UF 4-10D-12-15   10  1208   150E   4300750304   Federal   Federal   GW   APD		<del></del>							<del> </del>
PRICKLY PEAR LIF 9A-17D-12-15   17   1208   150E   4300750307   Federal   Federal   GW   APD									
PRICKLY PEAR UF 9.A-170-12-15   17   120S   150E   4300750306   Federal   Federal   GW   APD							<del></del>		
PRICKLY PEAR UF 8.A-17D-12-15					!				<del> </del>
PRICKLY PEAR UF 16A-17D-12-15						+	<u> </u>	+	
PRICKLY PEAR UF 3-70-12-15					!	<del></del>		1	
PRICKLY PEAR UF 16.A-17D-12-15						-	<del></del>		
PRICKLY PEAR UF 6-7D-12-15 PRICKLY PEAR UF 8-7D-12-15 PRICKLY PEAR UF 10-17-12-15 PRICKLY PEAR UF 10-17-12-15 PRICKLY PEAR UF 11-17-12-15 PRICKLY PEAR UF 11-17-12-15 PRICKLY PEAR UF 11-17-12-15 PRICKLY PEAR UF 11-17-12-15 PRICKLY PEAR UF 10-17-12-15 PRICKLY PEAR UF 10			-	<del></del>				-	
PRICKLY PEAR UF 15A-17D-12-15						·	+		
PRICKLY PEAR UF A-7D-12-15			+			<del></del>	ļ	-	
PRICKLY PEAR UF 7A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF \$A-7D-12-15 PRICKLY PEAR UF (SX-17D-12-15 PRICKLY PEAR UF 18A-17D-12-15 PRICKLY PEAR UF 19A-20D-12-15 PRICKLY PEAR U							<del></del>		
PRICKLY PEAR UF 8A-7D-12-15				<del></del>					<del></del>
PRICKLY PEAR UF 11A-17D-12-15									
PRICKLY PEAR UF 11A-17D-12-15			1						
PRICKLY PEAR UF 15B-17D-12-15								4	
PRICKLY PEAR UF 8A-20D-12-15   20   120S   150E   4300750319   Federal   Federal   GW   APD		-				1			
PRICKLY PEAR UF 1-7D-12-15     7 120S 150E 4300750320   Federal Federal GW APD PRICKLY PEAR UF 7A-20D-12-15     20 120S 150E 4300750321   Federal Federal GW APD PRICKLY PEAR UF 9A-20D-12-15     20 120S 150E 4300750323   Federal Federal GW APD PRICKLY PEAR UF 10A-20D-12-15     20 120S 150E 4300750323   Federal Federal GW APD PRICKLY PEAR UF 10-20D-12-15     20 120S 150E 4300750323   Federal Federal GW APD PRICKLY PEAR UF 10A-20D-12-15     20 120S 150E 4300750324   Federal Federal GW APD PRICKLY PEAR UF 21A-20D-12-15     20 120S 150E 4300750325   Federal Federal GW APD PRICKLY PEAR UF 14A-20D-12-15     20 120S 150E 4300750326   Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15     20 120S 150E 4300750326   Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15     20 120S 150E 4300750327   Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15     20 120S 150E 4300750329   Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15     20 120S 150E 4300750329   Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15     20 120S 150E 4300750330   Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15     20 120S 150E 4300750331   Federal Federal GW APD PRICKLY PEAR UF 15-40D-12-15     30 120S 150E 4300750332   Federal Federal GW APD PRICKLY PEAR UF 16A-10D-12-15     30 120S 150E 4300750332   Federal Federal GW APD PRICKLY PEAR UF 16A-10D-12-15     30 120S 150E 4300750333   Federal Federal GW APD PRICKLY PEAR UF 15-40D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15     30 120S 150E 4300750335   Federal Feder									
PRICKLY PEAR UF 7A-20D-12-15 20 1208 150E 4300750321 Federal Federal GW APD PRICKLY PEAR UF 19A-20D-12-15 20 1208 150E 4300750322 Federal Federal GW APD PRICKLY PEAR UF 10A-20D-12-15 20 1208 150E 4300750324 Federal Federal GW APD PRICKLY PEAR UF 10-20D-12-15 7 1208 150E 4300750325 Federal Federal GW APD PRICKLY PEAR UF 10-20D-12-15 7 1208 150E 4300750325 Federal Federal GW APD PRICKLY PEAR UF 14A-20D-12-15 20 1208 150E 4300750325 Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15 20 1208 150E 4300750326 Federal Federal GW APD PRICKLY PEAR UF 16A-20D-12-15 20 1208 150E 4300750327 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 20 1208 150E 4300750327 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 20 1208 150E 4300750328 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 20 1208 150E 4300750329 Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15 20 1208 150E 4300750330 Federal Federal GW APD PRICKLY PEAR UF 15-20D-12-15 20 1208 150E 4300750330 Federal Federal GW APD PRICKLY PEAR UF 6-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 6-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 6-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 1A-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 5-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 1-1A-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 1-1A-10D-12-15 20 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 1-1A-10D-12-15 20 1208 150E 4300750334 Federal Federal GW APD PRICKLY PEAR UF 1-1A-10D-12-15 20 1208 150E 4300750334 Federal Federal GW APD PRICKLY PEAR UF 1-1A-10D-12-15 20 1208 150E 4300750334 Federal Federal GW APD PRICKLY PEAR UF 1-1A-10D-12-15 20 1208 150E 4300750334 Federal Federal GW APD PRICKLY PEAR UF 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		<u> </u>					<del></del>		
PRICKLY PEAR UF 9A-20D-12-15 20 1208 150E 4300750322 Federal Federal GW APD PRICKLY PEAR UF 10A-20D-12-15 20 1208 150E 4300750323 Federal Federal GW APD PRICKLY PEAR UF 10-20D-12-15 20 1208 150E 4300750325 Federal Federal GW APD PRICKLY PEAR UF 12-7D-12-15 7 1208 150E 4300750325 Federal Federal GW APD PRICKLY PEAR UF 14A-20D-12-15 20 1208 150E 4300750325 Federal Federal GW APD PRICKLY PEAR UF 14A-20D-12-15 20 1208 150E 4300750326 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 20 1208 150E 4300750326 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 7 1208 150E 4300750328 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 7 1208 150E 4300750329 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 7 1208 150E 4300750339 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 7 1208 150E 4300750339 Federal Federal GW APD PRICKLY PEAR UF 15A-20D-12-15 9 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 15A-10D-12-15 9 1208 150E 4300750331 Federal Federal GW APD PRICKLY PEAR UF 15A-10D-12-15 9 1208 150E 4300750332 Federal Federal GW APD PRICKLY PEAR UF 15A-10D-12-15 9 1208 150E 4300750333 Federal Federal GW APD PRICKLY PEAR UF 6-10D-12-15 9 1208 150E 4300750334 Federal Federal GW APD PRICKLY PEAR UF 5-10D-12-15 9 1208 150E 4300750335 Federal Federal GW APD PRICKLY PEAR UF 15-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750336 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF 1-10D-12-15 9 1208 150E 4300750346 Federal Federal GW APD PRICKLY PEAR UF			_						
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PRICKLY PEAR UF 10-20D-12-15						ļ			
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PRICKLY PEAR UF 2-9D-12-15         9 120S         150E         4300750346         Federal         Federal         GW         APD           PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>Federal</td> <td></td> <td></td> <td>APD</td>						Federal			APD
PRICKLY PEAR UF 1-24D-12-1         24 120S         150E         4300750348         Federal         Federal         GW         APD           PRICKLY PEAR UF 9-13D-12-15         13 120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
PRICKLY PEAR UF 9-13D-12-15         13         120S         150E         4300750349         Federal         Federal         GW         APD           PRICKLY PEAR U FED 7-21D-12-15         21         120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9         120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9         120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9         120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9         120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9         120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9         120S         150E         4300750197         14794         Federal         GW         OPS									APD
PRICKLY PEAR U FED 7-21D-12-15         21 120S         150E         4300750055         14794         Federal         GW         OPS           PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         GW         OPS									APD
PRICKLY PEAR US 1A-16D-12-15         9 120S         150E         4300750192         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         GW         OPS	PRICKLY PEAR UF 9-13D-12-15								
PRICKLY PEAR US 2A-16D-12-15         9 120S         150E         4300750193         14794         State         Federal         GW         OPS           PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         GW         OPS	PRICKLY PEAR U FED 7-21D-12-15								
PRICKLY PEAR US 2-16D-12-15         9 120S         150E         4300750194         14794         State         Federal         GW         OPS           PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794         Federal         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794         Federal         Federal         GW         OPS	PRICKLY PEAR US 1A-16D-12-15								
PRICKLY PEAR UF 9A-9D-12-15         9 120S         150E         4300750196         14794 Federal         Federal         GW         OPS           PRICKLY PEAR UF 10-9D-12-15         9 120S         150E         4300750197         14794 Federal         Federal         GW         OPS	PRICKLY PEAR US 2A-16D-12-15						Federal	GW	OPS
PRICKLY PEAR UF 10-9D-12-15 9 120S 150E 4300750197 14794 Federal Federal GW OPS	PRICKLY PEAR US 2-16D-12-15						Federal	GW	OPS
	PRICKLY PEAR UF 9A-9D-12-15		150E	4300750196	14794	Federal	Federal	GW	OPS
PRICKLY PEAR UF 10A-9D-12-15 9   120S   150E   4300750198   14794   Federal   Federal   GW   OPS	PRICKLY PEAR UF 10-9D-12-15	9 120S	150E	4300750197	14794	Federal	Federal	GW	OPS
	PRICKLY PEAR UF 10A-9D-12-15	9 120S	150E	4300750198	14794	Federal	Federal	GW	OPS

Well Name	G TUDI		ear Unit	3.61 1.7	G C T	*** 11 m	TTT 11 0
Well Name				Mineral Lease		Well Type	Well Status
PRICKLY PEAR UF 14-9D-12-15	9 1208	·	0199 14794		Federal	GW	OPS
PRICKLY PEAR UF 14A-9D-12-15	9 1208	<del></del>	0200 14794		Federal	GW	OPS
PRICKLY PEAR UF 15-9D-12-15	9 1208		0201 14794		Federal	GW	OPS
PRICKLY PEAR UF 15A-9D-12-15	9 1208		0203 14794	l	Federal	GW	OPS
PRICKLY PEAR UF 16A-9D-12-15	9 1208		0204 14794		Federal	GW	OPS
STONE CABIN FED 2-B-27	27 120S		0018 14794		Federal	GW	P
PRICKLY PEAR ST 16-15	16 120S		0522 14794		State	GW	P
PRICKLY PEAR UNIT 21-2	21 120S		0828 14794	<u></u>	Federal	GW	P
PRICKLY PEAR U ST 13-16	16 120S		0933 14794		State	GW	P
PRICKLY PEAR U ST 11-16	16 120S		0944 14794	State	State	GW	P
PRICKLY PEAR U ST 7-16	16 120S	150E 430073	0945 14794	State	State	GW	P
PRICKLY PEAR U FED 7-25	25 120S	150E 430073	0954 14794	Federal	Federal	GW	P
PRICKLY PEAR U ST 36-06	36 120S	150E 430073	1018   14794	State	State	GW	P
PRICKLY PEAR U FED 13-23-12-15	23 120S	150E 430073	1073 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 1-27D-12-15	23 120S	150E 430073	1074 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-26D-12-15	23 120S	150E 430073	1075 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-22D-12-15	23 120S	150E 430073	1076 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 3-28D-12-15	21 120S	150E 430073	1121 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 15-21-12-15	21 120S	150E 430073	1164 14794	Federal	Federal	GW	P
PRICKLY PEAR U FED 13-21D-12-15	21 120S		1166 14794		Federal	GW	P
PRICKLY PEAR U FED 11-17D-12-15	17 120S	<del></del>	1184 14794	<del> </del>	Federal	GW	P
PRICKLY PEAR U FED 7-22D-12-15	22 120S		1186 14794		Federal	GW	P
PRICKLY PEAR U FED 3-22-12-15	22 120S		1187 14794		Federal	GW	P
PRICKLY PEAR U FED 5-22D-12-15	22 120S		1188 14794		Federal	GW	P
PRICKLY PEAR 11-15D-12-15	22 120S		1189 14794	· · · · · · · · · · · · · · · · · · ·	Federal	GW	P
PRICKLY PEAR U FED 9-18D-12-15	18 120S		1192 14794	- <del></del>	Federal	GW	P
PRICKLY PEAR U FED 15-18-12-15	18 120S		1193 14794		Federal	GW	P
PRICKLY PEAR U FED 16-27D-12-15	27 120S		1194 15569	<del></del>	Federal	GW	P
PRICKLY PEAR U FED 12-27D-12-15	27 120S		1195 15568		Federal	GW	P
PRICKLY PEAR U FED 9-20D-12-15	20 120S		1193 13308		Federal	GW	P
PRICKLY PEAR U FED 7-20-12-15	20 120S		1197 14794		Federal	GW	P
PRICKLY PEAR U FED 1-20-12-15	20 120S		1206 14794		Federal		P
PRICKLY PEAR U ST 4-36-12-15	36 120S		1200 14794 1227 14794			GW	
PRICKLY PEAR U FED 4-27D-12-15	22 120S	150E 430073			State	GW	P
PRICKLY PEAR U FED 13-22-12-15					Federal	GW	P
		150E 430073			Federal	GW	P
PRICKLY PEAR U FED 3-27D-12-15		150E 430073			Federal	GW	P
PRICKLY PEAR U ST 9-16-12-15		150E 430073			State	GW	P
PRICKLY PEAR U FED 9-28D-12-15	28 120S	150E 430073			Federal	GW	P
PRICKLY PEAR U FED 5-27D-12-15			1242 14794	<del> </del>	Federal	GW	P
PRICKLY PEAR U FED 1-28-12-15	28 120S		1243 14794		Federal	GW	P
PRICKLY PEAR U FED 8-28D-12-15	28 120S		1244 14794	<del></del> .	Federal	GW	P
PRICKLY PEAR U ST 1-16-12-15	16 120S		1245 14794	<del></del>	State	GW	P
PPU FED 11-18D-12-15			1257 14794	·	Federal	GW	P
PPU FED 11-20D-12-15			1258 14794	<del></del>	Federal	GW	P
PPU FED 4-25D-12-15	<del></del>		1259 14794	Federal	Federal	GW	P
PPU FED 12-25D-12-15			1260 16068	<del>i</del>	Federal	GW	P
PPU FED 14-26D-12-15	35 120S		1282 16224	Federal	Federal	GW	P
PPU FED 2-35-12-15	35 120S		1283 14794	Federal	Federal	GW	P
PPU FED 10-26D-12-15	35 120S	150E 430073	284 14794	Federal	Federal	GW	P
PPU FED 9-17-12-15	17 120S	150E 430073	287 14794	Federal	Federal	GW	P
PPU FED 1-17D-12-15	17 120S	150E 430073	288 14794	Federal	Federal	GW	P
PPU FED 7-17D-12-15		150E 430073			Federal	GW	P
PPU FED 1-18D-12-15		150E 430073				GW	P
PPU FED 7-18D-12-15		150E 430073				GW	P
PPU FED 5-17D-12-15		150E 430073				GW	P
PPU FED 10-17D-12-15		150E 430073				GW	P
		, 120070	,				-

		Prickly Pear U					
Well Name	Sec TWN	RNG API Number	Entity Miner	al Lease	Surface Lease	Well Type	Well Status
PPU FED 8-17D-12-15	17 120S	150E 4300731308			Federal	GW	P
PPU FED 12-17D-12-15	17 120S	150E 4300731309	14794 Feder	al	Federal	GW	P
PPU FED 13-17D-12-15	17 120S	150E 4300731310	14794 Feder	al	Federal	GW	P
PPU FED 14-17D-12-15	17 120S	150E 4300731311	14794 Feder	al	Federal	GW	P
PPU FED 16-18D-12-15	17 120S	150E 4300731312	14794 Feder	al	Federal	GW	P
PPU FED 8-18D-12-15	18 120S	150E 4300731313	14794 Feder	al	Federal	GW	P
PPU FED 3-18D-12-15	18 120S	150E 4300731314			Federal	GW	P
PPU FED 4-18-12-15	18 120S	150E 4300731315			Federal	GW	P
PPU FED 5-18D-12-15	+	150E 4300731316			Federal	GW	P
PPU FED 6-18D-12-15		150E 4300731317			Federal	GW	P
PPU FED 16-17D-12-15	+ +	150E 4300731321			Federal	GW	P
PPU ST 15-16D-12-15	16 120S	150E 4300731322			State	GW	P
PPU ST 16-16D-12-15		150E 4300731323			State	GW	P
PPU ST 14-16D-12-15		150E 4300731324			State	GW	P
PPU FED 3-21D-12-15		150E 4300731328			Federal	GW	P
PPU FED 4-21D-12-15	21 120S	150E 4300731329		_	Federal	GW	P
PPU FED 13-15D-12-15	<del> </del>	150E 4300731329 150E 4300731358			Federal	GW	P
PPU FED 14-15D-12-15	22 120S 22 120S	150E 4300731359			Federal	GW	P
PPU FED 4-22D-12-15	22 120S 22 120S	150E 4300731359			Federal	GW	P
PPU FED 6-22D-12-15	22 120S	150E 4300731361				GW	P
PPU FED 2-28D-12-15	<del></del>				Federal		P
PPU FED 16X-21D-12-15					Federal	GW	
The state of the s	<del></del>	150E 4300731363			Federal	GW	P
PPU FED 5A-27D-12-15		150E 4300731364			Federal	GW	P
PPU FED 1AA 18D 12-15	28 120S	150E 4300731368			Federal	GW	P
PPU FED 14A-18D-12-15	<u> </u>	150E 4300731393			Federal	GW	P
PPU FED 10-18D-12-15	<del></del>	150E 4300731394			Federal	GW	P
PPU FED 15A-18D-12-15		150E 4300731395			Federal	GW	P
PPU FED 16A-18D-12-15		150E 4300731396			Federal	GW	P
PPU FED 12-22D-12-15	·	150E 4300731398			Federal	GW	P
PPU FED 11-22D-12-15		150E 4300731399			Federal	GW	P
PPU FED 14-22D-12-15	·	150E 4300731400			Federal	GW	P
PPU FED 4A-27D-12-15		150E 4300731401			Federal	GW	P
PPU FED 11-21D-12-15		150E 4300731412			Federal	GW	P
PPU FED 6-21D-12-15		150E 4300731413			Federal	GW	P
PPU FED 12-21D-12-15	·	150E 4300731414			Federal	GW	P
PPU FED 8-20D-12-15		150E 4300731419			Federal	GW	P
PPU FED 1A-20D-12-15		150E 4300731420			Federal	GW	P
PPU FED 2-20D-12-15		150E 4300731421		<b>il</b> ]	Federal	GW	P
PPU ST 7A-16D-12-15	<del></del>	150E 4300731422		!	State	GW	P
PPU ST 6-16D-12-15		150E 4300731423			State	GW	P
PPU ST 10A-16D-12-15		150E 4300731424			State	GW	P
PPU ST 3-16D-12-15	16 120S	150E 4300731425	14794 State		State	GW	P
PPU FED 5-21D-12-15	21 120S	150E 4300731451	14794 Federa	ıl [1	Federal	GW	P
PPU ST 8-16D-12-15	16 120S	150E 4300731455	14794 State		State	GW	P
PPU ST 12-16D-12-15	16 120S	150E 4300731456	14794 State			GW	P
PPU ST 12A-16D-12-15		150E 4300731457				GW	P
PPU ST 15A-16D-12-15		150E 4300731458				GW	P
PPU ST 10-16D-12-15		150E 4300731459				GW	P
PPU ST 11A-16D-12-15		150E 4300731460				GW	P
PPU ST 13A-16D-12-15	- i	150E 4300731461				GW	P
PPU FED 10-7D-12-15		150E 4300731470				GW	P
PPU FED 15-7D-12-15	<del> </del>	150E 4300731471				GW	P
PPU FED 9-7D-12-15		150E 4300731471 1				GW	P
PPU FED 16-7D-12-15		150E 4300731472				GW	<u>г</u> Р
PPU ST 6A-16D-12-15	<del></del>	150E 4300731477				GW	P P
PPU ST 4-16D-12-15	·	150E 4300731477					
110014-100-12-13	10 1205	130E 4300/314/8	14/94 State		State	GW	P

			y Pear Unit				
Well Name	Sec TWN	RNG API N	lumber Entit	y Mineral Lease	Surface Lease	Well Type	Well Status
PPU ST 4A-16D-12-15	16 120S	·	731479 1479		State	GW	P
PPU ST 5A-16D-12-15	16 120S		731480 1479		State	GW	P
PPU ST 3A-16D-12-15	16 120S		731481 1479		State	GW	P
PPU ST 16A-16D-12-15	16 120S		731484 1479		State	GW	P
PPU ST 9A-16D-12-15	16 120S		731485 1479		State	GW	P
PPU ST 16B-16D-12-15	16 120S		731514 1479		State	GW	P
PPU ST 14B-16D-12-15	16 120S	150E 4300	731515 1479	94 State	State	GW	P
PPU ST 13B-16D-12-15	16 120S	150E 4300	731516 1479	94 State	State	GW	P
PRICKLY PEAR U FED 9-22D-12-15	22 120S		750041 1479		Federal	GW	P
PRICKLY PEAR U FED 10-22D-12-15	22 120S	150E 4300	750042 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 16-22D-12-15	22 120S	150E 4300	750043 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2-27D-12-15	22 120S	150E 4300	750044   1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 16-15D-12-15	15 120S	150E 4300	750045 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 15-15D-12-15	15 120S	150E 4300	750046 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 10-15D-12-15	15 120S	150E 4300	750047 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 9-15D-12-15	15 120S	150E 4300	750048 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 11A-15D-12-15	15 120S	150E 4300	750049 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 1-21D-12-15	21 120S	150E 4300°	750050 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2-21D-12-15	21 120S	150E 4300°	750051 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 2A-21D-12-15	21 120S	150E 4300°	750052 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 4A-22D-12-15	21 120S	150E 4300°	750053 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 5A-22D-12-15	21 120S	150E 4300°	750054 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 7A-21D-12-15	21 120S	150E 4300°	750056 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 8-21D-12-15	21 120S	150E 4300°	750057 1479	4 Federal	Federal	GW	P
PRICKLY PEAR U FED 8A-21D-12-15	21 120S		750058 1479		Federal	GW	P
PRICKLY PEAR U FED 16-8D-12-15	8 120S		750059 1479		Federal	GW	P
PRICKLY PEAR U FED 15-8D-12-15			750060 1479		Federal	GW	P
PRICKLY PEAR U FED 2-17D-12-15			750061 1479		Federal	GW	P
PRICKLY PEAR U FED 1A-17D-12-15			750062 1479		Federal	GW	P
PRICKLY PEAR U FED 1-22D-12-15			750076 1479		Federal	GW	P
PRICKLY PEAR U FED 2-22D-12-15		<del></del>	750077 1479		Federal	GW	P
PRICKLY PEAR U FED 8-22D-12-15			750078 1479		Federal	GW	P
PRICKLY PEAR U FED 3-17D-12-15			750079 1479	· · · · · · · · · · · · · · · · · · ·	Federal	GW	P
PRICKLY PEAR U FED 3A-17D-12-15			750080 1479		Federal	GW	P
			750081 1479			GW	P
PRICKLY PEAR U FED 4A-17D-12-15			750082 1479		Federal	GW	P
PRICKLY PEAR U FED 5A-17D-12-15			750083 1479			GW	P
PRICKLY PEAR U FED 6-17D-12-15			750084 1479			GW	P
PRICKLY PEAR U FED 6A-17D-12-15			750085 1479		Federal	GW	P
PRICKLY PEAR U FED 7A-17D-12-15			750086 1479		Federal	GW	P
PRICKLY PEAR U FED 9-12D-12-14			750088 1479		Federal	GW	P
PRICKLY PEAR U FED 10-12D-12-14			750089 1479				P
PRICKLY PEAR U FED 15-12D-12-14			750090 1479	<del></del>			P
PRICKLY PEAR U FED 16-12D-12-14		<del></del>	750091 1479				P
PRICKLY PEAR U FED 3-20D-12-15			750098 1479			GW	P
PRICKLY PEAR U FED 3A-20D-12-15			750098 1479 750099 1479	<del></del>			P .
PRICKLY PEAR U FED 4-20D-12-15			750100 1479				P P
PRICKLY PEAR U FED 4A-20D-12-15			750100 1479 750101 1479				<u>P</u>
PRICKLY PEAR U FED 5-20D-12-15			750101 1479 750102 1479				P I
PRICKLY PEAR U FED 5A-20D-12-15		<del></del>	750102 1479 750103 1479				P
PRICKLY PEAR U FED 6-20D-12-15			50103 1479 50104 1479				<u>Р</u> Р
PRICKLY PEAR U FED 6A-20D-12-15			50104 1479 50105 1479				
PRICKLY PEAR U FED 11A-20D-12-15			50105 1479 50106 1479	_ t			P
PRICKLY PEAR U FED 12A-20D-12-15			50106 1479				P
PRICKLY PEAR U FED 13A-17D-12-15							P
PRICKLY PEAR UF 7A-18D-12-15			50108 1479				P
I MICKL I FEAR OF /A-18D-12-13	17 120S	130E 43007	50136 1479	+ rederal	Federal_	GW	P

Well Name PRICKLY PEAR UF 8A-18D-12-15	Sec TWN	DNG			1			
DDICKLY DEAD HE GA 10D 12 15	500 1 1111	KNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
	17 120S	150E	4300750137	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9A-18D-12-15	17 120S	150E	4300750138	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-20D-12-15	20 120S	150E	4300750139	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16A-8D-12-15	8 120S	150E	4300750140	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 15A-8D-12-15	8 120S	150E	4300750141	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13A-9D-12-15	8 120S	150E	4300750142	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 13-9D-12-15	8 120S	150E	4300750143	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 12-9D-12-15	8 120S	150E	4300750144	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 10-8D-12-15	8 120S	150E	4300750145	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-8D-12-15	8 120S	150E	4300750146	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-17D-12-15	8 120S	150E	4300750147	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 1A-22D-12-15	22 120S	150E	4300750171	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 2A-22D-12-15	22 120S	150E	4300750172	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 6A-22D-12-15	22 120S	150E	4300750173	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 7A-22D-12-15	22 120S	150E	4300750174	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8A-22D-12-15	22 120S	150E	4300750175	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 14B-15D-12-15	22 120S	150E	4300750176	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 9-9D-12-15	9 120S	150E	4300750195	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 16-9D-12-15	9 120S	150E	4300750202	14794	Federal	Federal	GW	P
PRICKLY PEAR UF 8-14D-12-15	14 120S	150E	4300750216	18289	Federal	Federal	GW	P
PRICKLY PEAR UF 15-14D-12-15	14 120S	150E	4300750221	18290	Federal	Federal	GW	P
PRICKLY PEAR U ST 5-16	16 120S	150E	4300730943	14794	State	State	GW	S
PRICKLY PEAR U FED 7-28D-12-15	21 120S	150E	4300731165	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 15-17-12-15	17 120S	150E	4300731183	14794	Federal	Federal	GW	S
PRICKLY PEAR U FED 10-27-12-15	27 120S	150E	4300731196	15570	Federal	Federal	GW	S
PPU FED 4-35D-12-15	35 120S	150E	4300731285	16223	Federal	Federal	GW	S
PRICKLY PEAR U FED 12A-17D-12-15	17 120S	150E	4300750087	14794	Federal	Federal	GW	S

**STATE OF UTAH**DEPARTMENT OF NATURAL RESOURCES

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DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER:
2. NAME OF OPERATOR:	(see attached well list)  9. API NUMBER:
ENERVEST OPERATING, LLC	
3. ADDRESS OF OPERATOR: 1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002 PHONE NUMBER: (713) 659-3500	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL	
FOOTAGES AT SURFACE: (see attached well list)	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	[]
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON
1/1/2014 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER:
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BILL BASEFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADENEVEST Operating, L.L.C.  1001 Fannin, Suite 800 Houston, Texas 77002 713-659-3500 (BLM BOND # PLB 1884), STATE/FEE BOND # B 15832/	THE WELLS LISTED ON THE
(SEM BOND II, OINTEN EE BOND II	
BILL BARRETT CORPORATION ENERVEST OPERAT	ING, LLC
Duane ZavadiAME (PLEASE PRINT) ROWNE L YOU	NAME (PLEASE PRINT)
Non 2012 SIGNATURE Tonne L. La	SIGNATURE
Senior Vice President - DIRECTOR - REGUL	ATORY
DONNIE VOLING DIDECTOR DE	CHIATORY
NAME (PLEASE PRINT) RONNIE TOUNG TITLE DIRECTOR - RE	COLATORI
SIGNATURE DATE 12/10/2013	
(This space for State use on APPROVED	RECEIVED
JAN 2 8 2013 4-RE	JAN <b>07</b> 2014
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DU OIL GAS & MINING OF O

Well Name	Sec	TWN	RNG	API Number	Entity Lease	Well T	ype   Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	<del>'</del>	4300730460	15167 State	WI	A	
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166 State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467 Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E	4300731440	Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E	4300731441	Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S		4300731442	Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E	4300731443	Federal	GW	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E	4300731465	Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E	4300731469	Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092	Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S		4300750093	Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E	4300750094	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S		4300750095	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S		4300750096	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E	4300750097	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E	4300750124	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E	4300750125	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S		4300750126	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S		4300750127	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S		4300750128	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S		4300750129	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S		4300750130	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S		4300750131	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S		4300750133	Federal .	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S		4300750134	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S		4300750135	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182	Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E	4300750185	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E	4300750186	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E	4300750187	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E	4300750188	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E 4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E 4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E 4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E 4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E 4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E 4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E 4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E 4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E 4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E 4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E 4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E 4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E 4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E 4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E 4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E 4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E 4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E 4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E 4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E 4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E 4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E 4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E 4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E 4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E 4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E 4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E 4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E 4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E 4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E 4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E 4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E 4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E 4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E 4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E 4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E 4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E 4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E 4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E 4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E 4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E 4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E 4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E 4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E 4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E 4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E 4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E 4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E 4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E 4300750273	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E 4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E 4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E 4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E 4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E 4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E 4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E 4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E 4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E 4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E 4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E 4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E 4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E 4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E 4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E 4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E 4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E 4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E 4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E 4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E 4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E 4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E 4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E 4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E 4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E 4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E 4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E 4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E 4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E 4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E 4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E 4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E 4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E 4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E 4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E 4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E 4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E 4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E 4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E 4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E 4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E 4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E 4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E 4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E 4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E 4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E 4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E 4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E 4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S		Federal	GW	APD	PRICKLY PEAR
THE PERSON NAMED IN THE PERSON NAMED IN	_3						

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E 4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E 4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E 4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E 4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E 4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E 4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E 4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E 4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E 4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E 4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E 4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E 4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E 4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E 4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E 4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E 4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E 4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E 4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E 4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E 4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E 4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E 4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E 4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E 4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E 4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E 4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E 4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E 4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E 4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E 4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E 4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E 4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E 4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E 4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E 4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E 4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E 4300750194	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E 4300750190	14794 Federal	GW	OPS	PRICKLY PEAR
	09	120S	150E 4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15					GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E 4300750199	14794 Federal	GW	OPS	PRICKLY PEAR PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E 4300750200	14794 Federal		OPS	PRICKLY PEAR PRICKLY PEAR
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E 4300750201	14794 Federal	GW		
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E 4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E 4300750204	14794 Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E 4300716045	7030 Federal	GW	. P	

STONE CABIN UNIT 1	13	120S	140E 4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E 4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E 4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E 4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E 4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E 4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E 4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E 4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E 4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E 4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E 4300730775	13158 State	GW	<b>P</b> .	
PETERS POINT U FED 4-31D-12-17	36	120S	160E 4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E 4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E 4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E 4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E 4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E 4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E 4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E 4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E 4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E 4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E 4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E 4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E 4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E 4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E 4300731008	14897 Federal	GW	P	•
PETERS POINT U FED 12-31D-12-17	36	120S	160E 4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E 4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E 4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E 4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E 4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E 4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E 4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E 4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E 4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E 4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E 4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E 4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E 4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E 4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E 4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E 4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E 4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E 4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E 4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E 4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E 4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E 4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E 4300731188	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR 11-15D-12-15	22	120S	150E 4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E 4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E 4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E 4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E 4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E 4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E 4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E 4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E 4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E 4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E 4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E 4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E 4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E 4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E 4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E 4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E 4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E 4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E 4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E 4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E 4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E 4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E 4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E 4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E 4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E 4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E 4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E 4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E 4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E 4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E 4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E 4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E 4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E 4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E 4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E 4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E 4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E 4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E 4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E 4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E 4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E 4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E 4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E 4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E 4300731313	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 3-18D-12-15	18	120S	150E 4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E 4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E 4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E 4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E 4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E 4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E 4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E 4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E 4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E 4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E 4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E 4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E 4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E 4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E 4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E 4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E 4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E 4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E 4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E 4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E 4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E 4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E 4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E 4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E 4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E 4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E 4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E 4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E 4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E 4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E 4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E 4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E 4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E 4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E 4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E 4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E 4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E 4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E 4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E 4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E 4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E 4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E 4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E 4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E 4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E 4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E 4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E 4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E 4300731412	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 6-21D-12-15	21	120S	150E 4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E 4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E 4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E 4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E 4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E 4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E 4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E 4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E 4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E 4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E 4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E 4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E 4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E 4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E 4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E 4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E 4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E 4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E 4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E 4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E 4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E 4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E 4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E 4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E 4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E 4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E 4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E 4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E 4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E 4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E 4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E 4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E 4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E 4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E 4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E 4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E 4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E 4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E 4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E 4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E 4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E 4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E 4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E 4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E 4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E 4300750027	2470 Federal	ĠW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E 4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E 4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E 4300750033	2470 Federal	GW	P	PETERS POINT

PETERS POINT U FED 10-25D-12-16	25	120S	160E 4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E 4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E 4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E 4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E 4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E 4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E 4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E 4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E 4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E 4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E 4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E 4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E 4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E 4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E 4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E 4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E 4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E 4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E 4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E 4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E 4300750059	14794 Federal	GW	P	PRICKLY PEAR
	08	120S	150E 4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15		120S	160E 4300750062	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 3A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27			2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E 4300750066 160E 4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S		18204 Federal	GW	P	I LILKS I OHVI
PETERS POINT U FED 14-27D-12-16	27	120S	160E 4300750068				PETERS POINT
PETERS POINT U FED 14A-27D-12-16	27	120S	160E 4300750069	2470 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E 4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E 4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E 4300750078	14794 Federal	GW	P	
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E 4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E 4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E 4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E 4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E 4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR Ú FED 6-17D-12-15	17	120S	150E 4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E 4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E 4300750086	14794 Federal	GW	Р	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E 4300750087	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E 4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E 4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E 4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E 4300750091	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E 4300750098	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E 4300750099	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E 4300750100	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E 4300750101	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E 4300750102	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E 4300750104	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E 4300750105	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E 4300750106	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E 4300750107	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E 4300750109	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E 4300750116	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E 4300750117	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E 4300750118	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E 4300750119	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E 4300750123	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E 4300750136	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E 4300750137	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E 4300750138	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E 4300750139	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E 4300750140	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E 4300750141	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E 4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E 4300750143	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-9D-12-15	08	120S	150E 4300750144	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E 4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E 4300750146	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E 4300750147	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 12-5D-13-17	06	130S	170E 4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	170E 4300750152	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E 4300750153	18347 Federal	GW	P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E 4300750154	18350 Federal	GW	P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	120S	170E 4300750155	18346 Federal	GW	P	PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E 4300750156	18348 Federal	GW	P	PETERS POINT
PETERS POINT UF 3-31D-12-17	30	120S	170E 4300750157	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E 4300750158	18349 Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E 4300750159	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E 4300750160	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E 4300750171	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E 4300750173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E 4300750174	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E 4300750175	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E 4300750176	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E 4300750195	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E 4300750202	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E 4300750216	18289 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E 4300750221	18290 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E 4300750231	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E 4300750232	2470 Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E 4300731017	14472 State	D	PA	
1 E (E)(O) (O)(1) O) (O)(E) (O) (O) (O) (O) (O) (O) (O) (O) (O) (O	52	1505	2302 .200.2101	—	-		

PTS 33-36 STATE	36	110S	140E 4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E 4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E 4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E 4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E 4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E 4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E 4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E 4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E 4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20.	120S	150E 4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E 4300750172	14794 Federal	GW	S	PRICKLY PEAR